

Diseases Affecting Finfish

Disease Name	Acronym	Category of Listed Disease	Legislation		Ireland's Health Status	Species and group of species	Vector Species
			Listed Disease	National Measures			
Epizootic haematopoietic necrosis	EHN	A+D+E	✓		Disease-Free Status	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>Carassius 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	C+D+E	✓		Disease-Free Status	Herring (<i>Clupea</i> spp.), whitefish (<i>Coregonus</i> spp.), pike (<i>Esox lucius</i>), haddock (<i>Melanogrammus aeglefinus</i>), Pacific cod (<i>Gadus macrocephalus</i>), Atlantic cod (<i>Gadus morhua</i>), Pacific salmon (<i>Oncorhynchus</i> spp.) rainbow trout (<i>Oncorhynchus mykiss</i>), rockling (<i>Onos mustelus</i>), brown trout (<i>Salmo trutta</i>), turbot (<i>Scophthalmus maximus</i>), sprat (<i>Sprattus sprattus</i>), grayling (<i>Thymallus thymallus</i>), olive flounder (<i>Paralichthys olivaceus</i>), marble trout (<i>Salmo marmoratus</i>), lake trout (<i>Salvelinus namaycush</i>), wrasse (<i>Labridae</i> spp., lumpfish (<i>Cyclopteridae</i> spp.)	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>Carassius 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>), 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>Morone 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 tuna (<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>), sharpnout seabream (<i>Diplodus puntazzo</i>), common two-banded seabream (<i>Diplodus vulgaris</i>), red porgy (<i>Pagrus pagrus</i>), tilapia spp. (<i>Oreochromis</i>), brook trout (<i>Salvelinus fontinalis</i>), arctic charr (<i>Salvelinus alpinus</i>)
Infectious haematopoietic necrosis	IHN	C+D+E	✓		Disease-Free Status	Chum salmon (<i>Oncorhynchus keta</i>), coho salmon (<i>Oncorhynchus kisutch</i>), Masou salmon (<i>Oncorhynchus masou</i>), rainbow trout (<i>Oncorhynchus mykiss</i>), sockeye salmon (<i>Oncorhynchus nerka</i>), pink salmon (<i>Oncorhynchus rhodurus</i>), chinook salmon (<i>Oncorhynchus tshawytscha</i>), Atlantic salmon (<i>Salmo salar</i>), lake trout (<i>Salvelinus namaycush</i>), marble trout (<i>Salmo marmoratus</i>), brook trout (<i>Salvelinus fontinalis</i>), arctic charr (<i>Salvelinus alpinus</i>), whitespotted charr (<i>Salvelinus leucomaenis</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>Carassius 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	E	✓	✓	Disease-Free Status	Common carp and koi carp (<i>Cyprinus carpio</i>)	Goldfish (<i>Carassius auratus</i>), grass carp (<i>Ctenopharyngodon idella</i>)

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Disease Name	Acronym	Category of Listed Disease	Legislation		Ireland's Health Status	Species and group of species	Vector Species
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HPR-deleted infectious salmon anaemia	HPR-deleted ISAV	C+D+E	✓		Disease-Free Status	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	N/A		✓	Disease-Free Status	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	N/A		✓	Disease-Free Status	All species of <i>Salmonidae</i>	Not laid down in legislation
Infectious Pancreatic Necrosis	IPN	N/A		✓	Other	Brook trout (<i>Salvelinus fontinalis</i>), brown trout (<i>Salmo trutta</i>), Atlantic salmon (<i>Salmo salar</i>), (<i>Oncorhynchus spp.</i>) whitefish (<i>Coregonus lavaretus</i>)	Not laid down in legislation
Infection with <i>Gyrodactylus salaris</i>	GS	N/A		✓	Disease-Free Status	Atlantic salmon (<i>Salmo salar</i>), brown trout (<i>Salmo trutta</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>) and any species which has been in contact with these species	Not laid down in legislation
Infection with salmonid alphavirus	SAV	N/A		✓	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	Category of Listed Disease	Legislation		Ireland's Health Status	Susceptible Species	Vector Species
		Listed Disease	National Measures			
Bonamia exitiosa	C+D+E	✓		Not Known to be infected	Australian mud oyster (<i>Ostrea angasi</i>), Chilean flat oyster (<i>Ostrea chilensis</i>), European flat oyster (<i>Ostrea edulis</i>)	Portuguese oyster (<i>Crassostrea angulata</i>), Pacific cupped oyster (<i>Crassostrea gigas</i>), eastern oyster (<i>Crassostrea virginica</i>)
Perkinsus marinus	A+D+E	✓		Disease-Free Status	Pacific oyster (<i>Crassostrea gigas</i>), eastern oyster (<i>Crassostrea 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>)
Mikrocytos mackini	A+D+E	✓		Disease-Free Status	Pacific oyster (<i>Crassostrea gigas</i>), eastern oyster (<i>Crassostrea virginica</i>), Olympia flat oyster (<i>Ostrea conchaphila</i>), European flat oyster (<i>Ostrea edulis</i>)	None
Marteilia refringens	C+D+E	✓		Disease-Free Status	Australian mud oyster (<i>Ostrea angasi</i>), Chilean flat oyster (<i>Ostrea chilensis</i>), European flat oyster (<i>Ostrea edulis</i>), Argentinian oyster (<i>Ostrea 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>)
Bonamia ostreae	C+D+E	✓		Disease-Free Areas	Australian mud oyster (<i>Ostrea angasi</i>), Chilean flat oyster (<i>Ostrea chilensis</i>), Olympia flat oyster (<i>Ostrea conchaphila</i>), Asian oyster (<i>Ostrea denselammellosa</i>), European flat oyster (<i>Ostrea edulis</i>), Argentinian oyster (<i>Ostrea 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)	N/A		✓	Disease-Free Compartments	Pacific oyster (<i>Crassostrea gigas</i>)	Not laid down in legislation

Diseases Affecting Crustaceans

Disease Name	Category of Listed Disease	Legislation		Ireland's Health Status	Susceptible Species	Vector Species
		Listed Disease	National Measures			
Taura syndrome virus	A+D+E	✓		Disease-Free Status	Gulf white shrimp (<i>Penaeus setiferus</i>), Pacific blue shrimp (<i>Penaeus stylirostris</i>), Pacific white shrimp (<i>Penaeus 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>), eastern 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>)
Yellow head virus	A+D+E	✓		Disease-Free Status	Gulf brown shrimp (<i>Penaeus aztecus</i>), Gulf pink shrimp (<i>Penaeus duorarum</i>), kuruma prawn (<i>Penaeus japonicus</i>), black tiger shrimp (<i>Penaeus monodon</i>), Gulf white shrimp (<i>Penaeus setiferus</i>), Pacific blue shrimp (<i>Penaeus stylirostris</i>), Pacific white shrimp (<i>Penaeus 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>), eastern 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 syndrome virus	C+D+E	✓		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>), eastern 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>)