Indispensable Partners in Growing Markets Around the World for America's Agricultural

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Categorization of Pathways

Transportation Related Pathways
This category includes all the various pathways related to transportation of people and goods.
Subcategories include:
1. Modes of Transportation
2. Military Travel and Transportation of Military Vehicles
3. Items Used in Shipping Process
4. Mail/Internet/Overnight Shipping Companies
5. Travel/Tourism/Recreation/Relocation
See Diagram 1 for more details

Living Industry Pathways
This category includes all the various pathways associated with living organisms and/or their by-products.
Subcategories include:
1. Plant Pathways
2. Food Pathways (market ready or near market ready – transporting animals for consumption)
3. Non-Food Animal Pathways (transporting animals for reasons other than consumption)
4. Non-Living Animal and Plant Related Pathways (animal and plant products)
See Diagram 2 for more details

Miscellaneous Pathways
This category includes various pathways that did not fit into the other two categories. Subcategories include:
1. Biocontrol
2. Release of Animals for Religious, Cultural or Other Reasons
3. Other Aquatic Pathways
4. Natural Spread of Established Populations of Invasive Species
5. Ecosystem Disturbance (long and short term)
See Diagram 3 for more details
Living Industry Pathways

includes all pathways associated with living organisms and/or their by-products)

L1 Plant Pathways (Aquatic and Terrestrial)

L1.1 Importation of Plants for Research

L1.2 Potting Soils, Growing Mediums, Sods, and Other Materials (Fertilizers, bioengineering materials such as live turf and erosion control technologies, live fasones, wetland restoration and wetflower socks, etc.)

L1.3 Plant Trade (Agricultural, nursery, landscape, floral, raw Logs, etc.)

L1.3.1 Plant Parts

L1.3.1.1 Above Ground Plant Parts (Cuttings, budwood, etc.)

L1.3.1.2 Below Ground Plant Parts (Bulbs, roots, culms, tubers, etc.)

L1.3.1.3 Seeds and the Seed Trade

L1.3.1.4 Aquatic Propagules

L1.3.2 Whole Plants

L1.3.1.1 Above Ground Plant Parts

L1.3.1.2 Below Ground Plant Parts

L1.3.1.3 Seeds and the Seed Trade

L1.3.1.4 Aquatic Propagules

L2 Food Pathways (Transportation of animals for immediate consumption)

L2.1 Live Seafood (market ready-to-be consumed immediately)

L2.2 Other Live Food Animals

L2.3 Plant & Plant Parts As Food

L1.3.1 Plant Parts

L1.3.2 Whole Plants

L3 Non-Food Animal Pathways (Transporting animals for reasons other than consumption, excluding entertainment which is covered in the diagram for transportation pathways)

L3.1 Bait

L3.2 Pet Aquarium Trade (Plants covered under plant trade)

L3.3 Aquaculture (Incl. organisms classified as seafood when shipped for other purposes)

L3.4 Non-Pet Animals (Animals for research, zoos, public aquaria, fur harvest, livestock for non-food purposes such as hunt clubs, racing, breeding, draft animals)

L3.5 Release of Organisms For Religious, Cultural or Other Reasons (Prayer animal release, animals released at weddings, animal liberations, etc.)

L4 Nonliving Animal and Plant Related Pathways

L4.1 Processed and Partially Processed Meat and Meat Processing Waste

L4.2 Frozen Seafood

L4.3 Minimally Processed Animal Products (Hides, trophies, feathers, etc.)

L4.4 Minimally Processed Plant Products (Logs, chips, firewood, mulch, straw, hay, baskets, etc.)

Subpathways

Each of the categories above has subpathways:

1) The organism “in trade” itself – whether intentionally released (authorized or unauthorized) or escaped
2) Hitchhikers on or in the organism in trade
3) Hitchhikers in water, food, nesting/bedding, or growing medium

NOTE: Hitchhikers can include plants, animals, invertebrates, parasites, diseases and pathogens
U.S. Agricultural Exports

Exports

Imports

Trade Surplus

Records

Billion $

$0 $25 $50 $75 $100 $125 $150

'92 '94 '96 '98 '00 '02 '04 '06 '08 '10 12 14(f)

32.6 42.9 110 142.6

Exports  Imports  Trade Surplus
Importance of Trade for U.S. Agriculture

Percentage of Production Exported

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<th>Commodity</th>
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<td>Cotton</td>
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% of Domestic Production Exported (2012/13)
Global Food & Feed Trade Projected to Surpass $1.6 trillion by 2022

Source: FAOSTAT; USDA/FAS Projections