

Fly-vectored Diseases (Order Diptera)

<u>Disease</u>	<u>Vector</u>	<u>Agent</u>	<u>Range</u>
Human African sleeping sickness	Tsetse fly (<i>Glossina</i> spp.)	<i>Trypanosoma gambiense</i>	Tropical East Africa
Cattle Nagana	Tsetse fly (<i>Glossina</i> spp.)	<i>Trypanosoma gambiense</i>	Tropical East Africa
Anthrax	Horse flies (<i>Tabanus</i> spp.)	<i>Bacillus anthracis</i> bacteria	Worldwide
Amebic dysentery	House fly and other flies	<i>Entamoeba histolytica</i>	Worldwide, more tropical
Bacillary dysentery	House fly and other flies	<i>Bacillus</i> spp; bacteria	Worldwide
Cholera	House fly and other flies	<i>Vibrio comma</i> ; bacteria	Worldwide, more tropical
Dengue	<i>Aedes</i> mosquitoes	Virus	Tropical
Elephantiasis (lymphatic filariasis)	Culicine mosquitoes	<i>Wuchereria bancrofti</i> nematodes	Tropical
Leishmaniasis	Sand flies	<i>Leishmania</i> spp.	Tropical
Loiasis	Deer flies (<i>Chrysops</i> spp.)	<i>Loa loa</i> roundworms	African tropics
Malaria	<i>Anopheles</i> mosquitoes	<i>Plasmodium</i> spp.	Tropical
Myiasis	Various Diptera	Various Diptera	Tropical
Onchocerciasis (river blindness)	Black flies (<i>Simulium</i> spp.)	<i>Onchocerca volvulus</i> roundworms	Tropical
Pappataci fever	Sand fly (<i>Phlebotomus papatasi</i>)	Virus	Mediterranean, India, Sri Lanka
Tularemia	Deer flies (<i>Chrysops</i> spp.)	<i>Francisella tularensis</i> bacteria	North America, Europe, Orient
Typhoid fever	House fly and other flies	<i>Eberthella typhosa</i> bacteria	Worldwide
Verruga peruana (Oroya fever)	Sand flies (<i>Lutzomyia</i> spp)	<i>Bartonella bacilliformis</i> bacteria	South America
Viral Encephalitis	<i>Culex</i> and <i>Aedes</i> mosquitoes	Viruses	North & South America, Europe, West Asia
West Nile Virus	<i>Aedes albopictus</i> mosquito	Virus	Old World and United States
Yellow fever	<i>Aedes aegypti</i>	Virus	Tropical
