Evidence Consensus for Visceral Leishmaniasis

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| --- | --- | --- | --- | --- | --- | --- |
| Country/Province | GIDEON | WHO | Peer-reviewed evidence | Case Data [[1](#_ENREF_1)] | Supplementary evidence | Evidence consensus |
| **Afghanistan** |  |  |  |  |  |  |
| Hirat | Unspecified | Yes | - | Reported cases in 2008 | - | 2+4  +66.67% |
| Balkh | Yes | No | +6 [[2](#_ENREF_2)] | HE Low | - | 0+6+2  +53.33% |
| Baghlan | Unspecified | No | +5 [[3](#_ENREF_3)] | Reported cases in 2008 | - | -2+5+4  +46.67% |
| Badghis | Unspecified | Yes | +3 [[4](#_ENREF_4)] | HE Low | - | 2+3+2  +46.67% |
| Badakhshan, Ghazni, Ghor, Kandahar, Paktika, Takhar, Zabul | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Faryab, Uruzgan | Unspecified | No | +5 [[3](#_ENREF_3)] | HE Low | - | -2+5+2  +33.33% |
| Bamyan, Day Kundi, Farah, Hilmand, Jawzjan, Kabul, Kapisa, Khost, Kunar, Kunduz, Laghman, Logar, Nangarhar, Nimroz, Nuristan, Paktya, Panjshir, Parwan, Samangan, Sari Pul, Wardak | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Albania** |  |  |  |  |  |  |
| Shkoder, Tirane | Yes | Yes | +5 [[5](#_ENREF_5)] | 10 to 16 cases in 2008 | - | 3+5+6  +93.33% |
| Berat, Bulqize, Diber, Lezhe | Yes | Yes | +5 [[5](#_ENREF_5)] | 4 to 5 cases in 2008 | - | 3+5+2  +66.67% |
| Elbasan, Fier, Gjirokaster, Gramsh, Kruje, Kukes, Kurbin, Librazhd, Lushnje, Mat, Skrapar, Tepelene | Yes | Yes | +5 [[5](#_ENREF_5)] | 2 to 3 cases in 2008 | - | 3+5+2  +66.67% |
| Durres, Kavaje, Malesi e Madhe, Mirdite, Sarande, Vlore | Yes | Yes | +5 [[5](#_ENREF_5)] | 1 case in 2008 | - | 3+5+2  +66.67% |
| Delvine, Devoll, Has, Kolonje, Korce, Kucove, Mallakaster, Peqin, Permet, Pogradec, Puke, Tropoje | Yes | Yes | +5 [[5](#_ENREF_5)] | HE Medium | - | 3+5-2  +40% |
| **Algeria** |  |  |  |  |  |  |
| Bejaia, Bordj Bou Arrer, Bouira, Setif, Tizi Ouzou | Yes | Yes | +5 [[6](#_ENREF_6)] | Reported cases in 2007 | - | 3+5+2  +66.67% |
| Constantine, Jijel | Yes | Yes | +5 [[7](#_ENREF_7)] | Reported cases in 2007 | - | 3+5+2  +66.67% |
| Tipaza, Tissemsilt | Unspecified | Yes | +5 [[6](#_ENREF_6)] | Reported cases in 2007 | - | 2+5+2  +60% |
| Souk-Ahras | Unspecified | Yes | +5 [[7](#_ENREF_7)] | Reported cases in 2007 | - | 2+5+2  +60% |
| Alger, Biskra, Boumerdes | Yes | Yes | +5 [[6](#_ENREF_6)] | HE Medium | - | 3+5-2  +40% |
| Ain Defla, Blida, Chlef, Medea, M’Sila, Relizane | Unspecified | Yes | +5 [[6](#_ENREF_6)] | HE Medium | - | 2+5-2  +33.33% |
| Annaba, El Tarf, Guelma, Khenchela, Mila, Oum El Bouaghi, Skikda, Tebessa | Unspecified | Yes | +5 [[7](#_ENREF_7)] | HE Medium | - | 2+5-2  +33.33% |
| Adrar, Laghouat, Ouargla, Tiaret | Unspecified | No | +5 [[6](#_ENREF_6)] | HE Medium | - | -2+5-2  +6.67% |
| El Oued | Unspecified | No | +5 [[7](#_ENREF_7)] | HE Medium | - | -2+5-2  +6.67% |
| Illizi | Unspecified | No | - | Reported cases in 2007 | - | -2+2  0% |
| Ain Temouchent, Batna, Djelfa, Mascara, Mostagnem, Oran, Tlemcen | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Bechar, El Bayadh, Ghardaia, Naama, Saida, Sidi Bel Abbes, Tamanrasset, Tindouf | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **American Samoa** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Andorra** |  |  |  |  |  |  |
| All provinces | Yes | Unspecified | - | HE High | - | 2-6  -44.44% |
| **Angola** |  |  |  |  |  |  |
| Benguela, Cuanza Sul, Huambo | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Bengo, Bie, Cabinda, Cuando Cubango, Cunene, Huila, Kuanza Norte, Luanda, Lunda Norte, Lunda Sul, Malanje, Moxico, Namibe, Uige, Zaire | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **Anguilla** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Antarctica** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available; assumed HE High | - | -3-6  -100% |
| **Antigua and Barbuda** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Argentina** |  |  |  |  |  |  |
| Misiones | Yes | Yes | +6 [[8](#_ENREF_8)] | 18 cases in 2009 |  | 3+6+6  +100% |
| Corrientes | Yes | Yes | +4 [[9](#_ENREF_9)] | 1 case in 2009 |  | 3+4+0  +46.67% |
| Salta | Yes | Yes | +6 [[10](#_ENREF_10)] | HE High |  | 3+6-6  +20% |
| Santiago del Estero | Yes | Yes | +4 [[9](#_ENREF_9),[10](#_ENREF_10)] | HE High |  | 3+4-6  +6.67% |
| Chaco, Jujuy | Yes | Yes | - | HE High |  | 3-6  -33.33% |
| Formosa, Santa Fe | Unspecified | Yes | - | HE High |  | 2-6  -44.44% |
| Buenos Aires, Buenos Aires Distrito Federal, Catamarca, Chubut, Cordoba, Entre Rios, La Pampa, La Rioja, Mendoza, Neuquen, Rio Negro, San Juan, San Luis, Santa Cruz, Tierra Del Fuego, Tucuman | Unspecified | No | - | HE High | - | -2-6  -88.89% |
| **Armenia** |  |  |  |  |  |  |
| Yerevan | Unspecified | Yes | +5 [[11](#_ENREF_11),[12](#_ENREF_12)] | 2 cases 2006-2009 | - | 2+5+2  +60% |
| Syunik | Unspecified | Yes | - | 8 cases 2006-2009 | - | 2+2  +44.44% |
| Tavush | Unspecified | Yes | - | 5 cases 2006-2009 | - | 2+2  +44.44% |
| Armavir, Lori | Unspecified | Yes | - | 2 cases 2006-2009 | - | 2+2  +44.44% |
| Ararat, Gegharkunik, Vayots Dzor | Unspecified | Yes | - | 1 case 2006-2009 | - | 2+2  +44.44% |
| Aragatsotn, Kotayk, Shirak | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| **Aruba** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Australia** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Austria** |  |  |  |  |  |  |
| Wien | No | No | +4 [[13](#_ENREF_13)] | HE High | - | -3+4-6  -33.33% |
| Karnten, Steiermark | Yes | No | - | HE High | - | 0-6  -66.67% |
| Burgenland, Niederosterreich, Oberosterreich, Salzburg, Tirol, Vorarlberg | No | No | - | HE High | - | -3-6  -100% |
| **Azerbaijan** |  |  |  |  |  |  |
| Chamkhor, Chemakha | Unspecified | Yes | - | 4 to 5 cases in 2008 | - | 2+2  +44.44% |
| Agdach, Agdjabedi, Cheki | Unspecified | Yes | - | 2 cases in 2008 | - | 2+2  +44.44% |
| Gandja, Geoktchay, Geranboy, Kurdamir | Unspecified | Yes | - | 1 case in 2008 | - | 2+2  +44.44% |
| Djalilabad | Unspecified | No | - | 4 to 5 cases in 2008 | - | -2+2  0% |
| Akstafa, Kazakh | Unspecified | No | - | 3 cases in 2008 | - | -2+2  0% |
| Tauz | Unspecified | No | - | 2 cases in 2008 | - | -2+2  0% |
| Aksu, Baku, Bilesuvar, Lenkoran, Masaly, Neftetchala, Zakatala | Unspecified | No | - | 1 case in 2008 | - | -2+2  0% |
| Agdam, Apcheron, Barda, Bejladjan, Divitchi, Evlakh, Gabela, Gobustan, Imichli, Ismaily, Khadjikabul, Khanlar, Khyzy, Kuba, Naftalan, Nagorno-karabakh, Ofuz, Saatly, Sabirobad, Salyany, Samukh, Tartar, Utchar, Yvlakh, Zardob | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Ordubad | Unspecified | No | +2 [[14](#_ENREF_14)] | HE Medium | - | -2+2-2  -13.33% |
| Ali Bajramly, Astara, Bebek, Belokany, Chakhbuz, Cherur, Dachkestan, Djebrail, Djulfa, Djulfa City, Fizuli, Gakh, Gusar, Kedabek, Kelbadjar, Khatchmas, Kubatly, Latchin, Lerik, Mingetchaur, Nakhitchevan, Ordubad City, Sederek, Siyasan, Sumgait, Yardamly, Zangelan | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **Bahamas** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Bahrain** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Bangladesh** |  |  |  |  |  |  |
| Dhaka | Unspecified | Yes | +6 [[15](#_ENREF_15)] | Many reported cases in 2008 | - | 2+6+6  +93.33% |
| Khulna | Unspecified | Yes | - | 2 to 50 cases in 2008 | - | 2+6  +88.89% |
| Rajshahi | Unspecified | Yes | +5 [[16](#_ENREF_16)] | Many reported cases in 2008 | - | 2+5+6  +86.67% |
| Barisal | Unspecified | Yes | +3 [[17](#_ENREF_17)] | 1 to 25 cases in 2008 | - | 2+3+6  +73.33% |
| Chittagong | Unspecified | Yes | +3 [[18](#_ENREF_18)] | 1 to 25 cases in 2008 | - | 2+3+6  +73.33% |
| Sylhet | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| **Barbados** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Belarus** |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **Belgium** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Belize** |  |  |  |  |  |  |
| All provinces | No | Unspecified | - | HE Medium | - | -2-2  -44.44% |
| **Benin** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | No evidence of reservoir or vector presence  -25% | (-3+2)-25%  -36.11% |
| **Bermuda** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Bhutan** |  |  |  |  |  |  |
| Mongar, Trashigang, Tsirang | Unspecified | Unspecified | +5 [[19](#_ENREF_19)] | Reported cases | - | 0+5+2  +46.67% |
| Trashi Yangtse | Unspecified | Unspecified | - | Reported cases | - | 0+2  +22.22% |
| Bumthang, Chhukha, Dagana, Gasa, Ha, Lhuentse, Paro, Pemagatshel, Punakha, Samdrup-Jonkha, Samtse, Sarpang, Thimphu, Trongsa, Wangdue-Phodrang, Zhemgang | Unspecified | Unspecified | - | HE Medium | - | 0-2  -22.22% |
| **Bolivia** |  |  |  |  |  |  |
| La Paz | Yes | Yes | +3 [[20](#_ENREF_20),[21](#_ENREF_21)] | Reported cases in 2008 | - | 3+3+4  +66.67% |
| Santa Cruz | Unspecified | Yes | - | Reported cases in 2008 | - | 2+4  +66.67% |
| Beni, Chuquisaca, Cochabamba, Pando, Potosi, Tarija | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Oruro | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Bosnia and Hercegovina** |  |  |  |  |  |  |
| Federacija Bosne I Hercegovine | Unspecified | Yes |  | 6 reported cases 2003-2006 | - | 2+0  22.22% |
| Republika Srpska | Unspecified | Yes |  | HE High | - | 2-6  -44.44% |
| **Botswana** |  |  |  |  |  |  |
| All provinces | No | No |  | HE High | - | -3-6  -100% |
| **Bouvet Island** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Brazil** |  |  |  |  |  |  |
| Maranhao | Yes | Yes | +6 [[22](#_ENREF_22),[23](#_ENREF_23)] | 392 to 559 cases in 2007 | - | 3+6+6  +100%  3+6-6  +20% |
| Tocantins | Yes | Yes | - | 392 to 559 cases in 2007 | - | 3+6  +100%  3-6  -33.33% |
| Mato Grosso do Sul | Yes | Yes | +6 [[23](#_ENREF_23)] | 249 to 264 cases in 2007 | - | 3+6+6  +100%  3+6-6  +20% |
| Piaui | Yes | Yes | +6 [[22](#_ENREF_22)] | 249 to 264 cases in 2007 | - | 3+6+6  +100%  3+6-6  +20% |
| Pernambuco, Sergipe | Yes | Yes | +6 [[23](#_ENREF_23)] | 65 to 76 cases in 2007 | - | 3+6+6  +100%  3+6-6  +20% |
| Amazonas, Distrito Federal, Mato Grosso, Rio de Janeiro, Rio Grande do Norte | Yes | Yes | +6 [[23](#_ENREF_23)] | 1 to 35 cases in 2007 | - | 3+6+6  +100%  3+6-6  +20% |
| Rondonia | Yes | Yes | - | 1 to 35 cases in 2007 | - | 3+6  +100%  3-6  -33.33% |
| Minas Gerais | Yes | Yes | +6 [[22](#_ENREF_22)]  +5 [[23](#_ENREF_23)] | 392 to 559 cases in 2007 | - | 3+5.5+6  +96.67%  3+5.5-6  +16.67% |
| Para | Yes | Yes | +5 [[24](#_ENREF_24)] | 392 to 559 cases in 2007 | - | 3+5+6  +93.33%  3+5-6  +13.33% |
| Alagoas | Yes | Yes | +5 [[25](#_ENREF_25)] | 1 to 35 cases in 2007 | - | 3+5+6  +93.33%  3+5-6  +13.33% |
| Paraiba | Yes | Yes | +5 [[22](#_ENREF_22)] | 1 to 35 cases in 2007 | - | 3+5+6  +93.33%  3+5-6  +13.33% |
| Ceara | Yes | Yes | +5 [[23](#_ENREF_23)]  +4 [[26](#_ENREF_26)] | 392 to 559 cases in 2007 | - | 3+4.5+6  +90%  3+4.5-6  +10% |
| Bahia | Yes | Yes | +4 [[23](#_ENREF_23)] | 249 to 264 cases in 2007 | - | 3+4+6  +86.67%  3+4-6  +6.67% |
| Sao Paulo | Yes | Yes | +3 [[27](#_ENREF_27)] | 249 to 264 cases in 2007 | - | 3+3+6  +80%  3+3-6  0% |
| Goias | Yes | Yes | +3 [[28](#_ENREF_28)] | 1 to 35 cases in 2007 | - | 3+3+6  +80%  3+3-6  0% |
| Roraima | Yes | No | +4 [[29](#_ENREF_29)] | 1 to 35 cases in 2007 | - | 0+4+6  +66.67%  0+4-6  -13.33% |
| Amapa | Yes | No | - | 1 to 35 cases in 2007 | - | 0+6  +66.67%  0-6  -66.67% |
| Parana, Santa Catarina | No | Yes | - | 1 to 35 cases in 2007 | - | 0+6  +66.67%  0-6  -66.67% |
| Espirito Santo | Yes | Yes | +6 [[23](#_ENREF_23)] | HE High | - | 3+6-6  +20%  3+6+6  +100% |
| Rio Grande do Sul | No | Yes | - | HE High | - | 0-6  -66.67%  0+6  +66.67% |
| Acre | No | No | - | HE High | - | -3-6  -100%  -3+6  +33.33% |
| **British Virgin Islands** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Brunei** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Bulgaria** |  |  |  |  |  |  |
| Blagoevgrad | Unspecified | Yes | - | 19 to 20 cases 1996-2008 | - | 2+2  +44.44% |
| Plovdiv, Stara Zagora | Unspecified | Yes | - | 10 cases 1996-2008 | - | 2+2  +44.44% |
| Haskovo | Unspecified | Yes | - | 4 to 5 cases 1996-2008 | - | 2+2  +44.44% |
| Jambol, Kardzhali, Kustendil | Unspecified | Yes | - | 1 to 3 cases 1996-2008 | - | 2+2  +44.44% |
| Varna | Unspecified | No | - | 19 to 20 cases 1996-2008 | - | -2+2  0% |
| Lovech | Unspecified | No | - | 4 to 5 cases 1996-2008 | - | -2+2  0% |
| Dobrich | Unspecified | No | - | 1 to 3 cases 1996-2008 | - | -2+2  0% |
| Pazardzhik, Pernik, Smoljan, Sofia, Sofia City | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Burgas, Gabrovo, Montana, Pleven, Razgrad, Ruse, Shumen, Silistra, Sliven, Targovishte, Veliko Tarnovo, Vidin, Vratca | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **Burkina Faso** |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Burundi** |  |  |  |  |  |  |
| All provinces | No | No |  | HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| **Cambodia** |  |  |  |  |  |  |
| All provinces | Unspecified | No |  | HE Low | No evidence of reservoir or vector presence  -25% | (-2+2)-25%  -25% |
| **Cameroon** |  |  |  |  |  |  |
| Extreme-Nord | Yes | No | - | Reported cases | - | 0+4  +44.44% |
| Adamaoua, Nord | Yes | Unspecified | - | HE Low | - | 2+2  +44.44% |
| Centre, Est, Littoral, Nord-Ouest, Ouest, Sud, Sud-Ouest | No | No | - | HE Low | - | -3+2  -11.11% |
| **Canada** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Cape Verde** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Cayman Islands** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Central African Republic** |  |  |  |  |  |  |
| Nana Mambere, Ouham, Ouham-pende | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Bamingui-bangora, Bangui, Basse Kotto, Haut-mboumou, Hautte-kotto, Kemo, Lobaye, Mambere-kadei, Mbomou, Nana Grebizi, Ombella-mpoko, Ouaka, Sangha Mbaere, Vakaga | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Chad** |  |  |  |  |  |  |
| Biltine | Yes | Yes | - | HE Low | - | 3+2  +55.56% |
| Assongha, Baguirmi, Batha Est, Hadjer Lamis, Ouaddai, Salamat, Sila | Yes | No | - | Reported cases | - | 0+4  +44.44% |
| Batha Ouest, Guera, Lac, Mayo-Boneye | No | No | - | Reported cases | - | -3+4  +11.11% |
| Barh Koh, Barl el Gazal, Borkou, Daraba, Ennedi, Kabia, Kanem, Lac Iro, Logone Occidental, Logone Oriental, Mandoul, Mayo-Dala, Mont de Lam, Tandjile Est, Tandjile Ouest, Tibesti | No | No | - | HE Low | - | -3+2  -11.11% |
| **Chile** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **China** |  |  |  |  |  |  |
| Xinjiang Uygur Zizhiqu | Yes | Yes | +6 [[30](#_ENREF_30)] | 318 cases in 2008 | - | 3+6+6  +100% |
| Gansu Sheng | Yes | Yes | +4 [[31](#_ENREF_31)] | 153 cases in 2008 | - | 3+4+6  +86.67% |
| Sichuan Sheng | Yes | Yes | +4 [[31](#_ENREF_31),[32](#_ENREF_32)] | 51 cases in 2008 | - | 3+4+6  +86.67% |
| Shaanxi Sheng | Yes | Yes | +4 [[33](#_ENREF_33)] | 1 to 3 cases in 2008 | - | 3+4+2  +60% |
| Shanxi Sheng | Yes | No | +4 [[33](#_ENREF_33)] | 1 to 3 cases in 2008 | - | 0+4+2  +40% |
| Nei Mongol Zizhiqu | Yes | Yes | +4 [[33](#_ENREF_33)] | HE Medium | - | 3+4-2  +33.33% |
| Shandong Sheng | No | No | +4 [[31](#_ENREF_31),[32](#_ENREF_32)] | HE Medium | - | -3+4-2  -6.67% |
| Henan Sheng, Jiangxi Sheng | No | No | +4 [[32](#_ENREF_32)] | HE Medium | - | -3+4-2  -6.67% |
| Chongqing Shi, Hubei Sheng, Xizang Zizhiqu | No | Yes | - | HE Medium | - | 0-2  -22.22% |
| Anhui Sheng, Beijing Shi, Fujian Sheng, Gunagdong Sheng, Guangxi Zhuangzu Zizhiqu, Guizhou Sheng, Hainan Sheng, Hebei Sheng, Heilongjiang Sheng, Hunan Sheng, Jiangsu Sheng, Jilin Sheng, Liaoning Sheng, Ningxia Huizu Zizhiqu, Qinghai Sheng, Shanghai Shi, Taiwan Sheng, Tianjin Shi, Yunnan Sheng, Zhejiang Sheng | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Christmas Island** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Cocos Islands** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Colombia** |  |  |  |  |  |  |
| Bolivar | Yes | Yes | +3 (LE\_3373) | 19 cases in 2008 | - | 3+3+6  +80% |
| Cundinamarca | Yes | Yes | +4 [[34](#_ENREF_34)] | 5 to 7 cases in 2008 | - | 3+4+2  +60% |
| Sucre | Yes | Yes | +3 (LE\_3373) | 5 to 7 cases in 2008 | - | 3+3+2  +53.33% |
| Cordoba | Yes | Yes | +3 (LE\_3373) | 1 case in 2008 | - | 3+3+2  +53.33% |
| Tolima | Yes | No | +4 [[34](#_ENREF_34)] | 3 cases in 2008 | - | 0+4+2  +40% |
| Huila | Yes | No | +4 [[34](#_ENREF_34)] | HE Medium | - | 0+4-2  +13.33% |
| Santander | Yes | Yes | - | HE Medium | - | 3-2  +11.11% |
| Antioquia, Boyaca, Caldas, Magdalena | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Guajira | Yes | No | - | HE Medium |  | 0-2  -22.22% |
| Amazonas, Arauca, Atlantico, Buenaventura, Caqueta, Casanare, Cauca, Cesar, Choco, Guainia, Guaviare, Meta, Narino, Norte de Santander, Putumayo, Quindio, Risaralda, San Andres y Providencia, Valle del Cauca, Vaupes, Vichada | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **Comoros** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | No evidence of reservoir or vector presence  -25% | (-3+2)-25%  -36.11% |
| **Congo, Democratic Republic of** |  |  |  |  |  |  |
| Equateur | Unspecified | Yes | +3 [[35](#_ENREF_35)] | Reported cases | - | 2+3+4  +60% |
| Katanga | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Bandundu, Bas-Congo, Kasai-Occidental, Kasai-Oriental, Kinshasa, Maniema, Nord-Kivu, Province Orientale, Sud-Kivu | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Congo, Republic of** |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE Low | No evidence of reservoir or vector presence  -25% | (-2+2)-25%  -25% |
| **Cook Islands** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Costa Rica** |  |  |  |  |  |  |
| Guanacaste | Unspecified | Yes | +4 [[36](#_ENREF_36)] | HE High | - | 2+4-6  0% |
| Alajuela | Unspecified | Yes | +3 [CNR-L] | HE High | - | 2+3-6  -6.67% |
| Limon | Yes | Yes | - | HE High | - | 3-6  -33.33% |
| Cartago, Heredia, Puntarenas, San Jose | Unspecified | Yes | - | HE High | - | 2-6  -44.44% |
| **Cote d’Ivoire** |  |  |  |  |  |  |
| Lagunes | Unspecified | Yes | +5 [[37](#_ENREF_37)] | Reported cases | - | 2+5+4  +73.33% |
| Agneby, Lacs, N’zi Comoe | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Moyen Comoe, Sud Comoe, Vallee du Bandama | Unspecified | No | - | Reported cases | - | -2+4  +22.22% |
| 18 Montagnes, Bafing, Bas Sassandra, Denguele, Fromager, Haut-sassandra, Marahoue, Moyen-Cavally, Savanes, Sud Bandama, Worodougou, Zanzan | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Croatia** |  |  |  |  |  |  |
| Split-Dalmatija | Yes | Yes | +5 [[38](#_ENREF_38)] | 8 to 13 cases 1999-2009 | - | 3+5+0  +53.33% |
| Lika-senj | Yes | Yes | +4 [[39](#_ENREF_39)] | 1 to 5 cases 1999-2009 | - | 3+4+0  +46.67% |
| Dubrovnik-neretva | Yes | Yes | +3 [[40](#_ENREF_40)] | 8 to 13 cases 1999-2009 | - | 3+3+0  +40% |
| Sibenik | Yes | Yes | +3 [[40](#_ENREF_40)] | 1 to 5 cases 1999-2009 | - | 3+3+0  +40% |
| Primorje-gorski Kota, Zadar-knin | Yes | Yes | +3 [[40](#_ENREF_40)] | HE High | - | 3+3-6  0% |
| Zagreb | No | No | +3 [[40](#_ENREF_40)] | 1 to 5 cases 1999-2009 | - | -3+3+0  0% |
| Grad Zagreb, Sisak-moslavina, Vukovar-srijem | No | No | - | 1 to 5 cases 1999-2009 | - | -3+0  -33.33% |
| Osijek-baranja | No | No | +3 [[40](#_ENREF_40)] | HE High | - | -3+3-6  -40% |
| Istra, Karlovac | No | Yes | - | HE High | - | 0-6  -66.67% |
| Bjelovar-bilogora, Koprivnica-krizevci, Krapina-zagorje, Medimurje, Pozega-slavonija, Slavonski Brod-posav, Varazdin, Virovitica-podravina | No | No | - | HE High | - | -3-6  -100% |
| **Cuba** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Cyprus** |  |  |  |  |  |  |
| Limassol, Paphos | No | Unspecified | +6 [[41](#_ENREF_41)] | 1 case in 2006 | - | -2+6+0  +26.67% |
| Larnaca | No | Unspecified | +2 [[42](#_ENREF_42)] | HE High | - | -2+2-6  -40% |
| Famagusta, Kyrenia, Nicosia | No | Unspecified | - | HE High | - | -2-6  -88.89% |
| **Czech Republic** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Denmark** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Djibouti** |  |  |  |  |  |  |
| Ali Sabieh, Dikhil | Unspecified | Unspecified | - | Reported cases | - | 0+4  +44.44% |
| Djibouti, Obock, Tadjourah | Unspecified | Unspecified | - | HE Low | - | 0+2  +22.22% |
| **Dominica** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Dominican Republic** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Ecuador** |  |  |  |  |  |  |
| Cotopaxi, Esmeraldas, Imbabura, Pichincha | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Azuay, Bolivar, Canar, Carchi, Chimborazo, El Oro, Galapagos, Guayas, Loja, Los Rios, Manabi, Morona Santiago, Napo, Orellana, Pastaza, Sucumbios, Tungurahua, Zamora Chinchipe | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **Egypt** |  |  |  |  |  |  |
| Al Daqahliyah | Yes | Yes | +3 [[43](#_ENREF_43)] | HE Low | - | 3+3+2  +53.33% |
| Al Iskandariyah | Yes | Yes | +3 [[44](#_ENREF_44),[45](#_ENREF_45)] | HE Low | - | 3+3+2  +53.33% |
| Al Buhayrah, Al Gharbiyah, As Ismailiyah, Ash Sharqiyah, Bur Said, Dumyat, Kafr-el-sheikh, Matruh, Shamal Sina | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| As Suways | Unspecified | No | - | 1 case in 2008 | - | -2+4  +22.22% |
| Al Qalyubiyah | Unspecified | No | +3 [[46](#_ENREF_46)] | HE Low | - | -2+3+2  +20% |
| Al Bahr/Al Ahmar, Al Fayyum, Al Jizah, Al Minufiyah, Al Minya, Al Qahirah, Al Wadi/Al Jadid, Aswan, Asyiut, Beni Suwayf, Janub Sina, Qina, Suhaj | Unspecified | No | - | HE Low | - | -2+2  0% |
| **El Salvador** |  |  |  |  |  |  |
| Chalatenango, Sonsonate | Yes | Yes | - | HE Medium | - | 3-2  +11.11% |
| Ahuachapan, Cabanas, Cuscatlan, La Libertad, La Paz, La Union, Morazan, San Miguel, San Salvador, San Vicente, Santa Ana, Usulutan | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| **Equatorial Guinea** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Eritrea** |  |  |  |  |  |  |
| Anseba, Archipelagos, Debub, Maekel | Unspecified | Yes | - | Reported cases in 2008 | - | 2+4  +66.67% |
| Gash Barka, Semenawi Keih Bahri | Unspecified | Yes | +3 [[47](#_ENREF_47)] | Reported cases in 2008 | - | 2+3+4  +60% |
| Debubawi Keih Bahri | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Estonia** |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE High | - | -2-6  -88.89% |
| **Ethiopia** |  |  |  |  |  |  |
| Amhara | Yes | Yes | +6 [[48](#_ENREF_48)] | 684 cases in 2008 | - | 3+6+6  +100% |
| Tigray | Yes | Yes | +6 [[49](#_ENREF_49)] | 576 cases in 2008 | - | 3+6+6  +100% |
| SNNP | Yes | Yes | +6 [[49](#_ENREF_49)] | 96 cases in 2008 | - | 3+6+6  +100% |
| Oromia | Unspecified | Yes | +6 [[49](#_ENREF_49)] | HE Low | - | 2+6+2  +66.67% |
| Benishangul Gumuz, Gambella | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Addis Ababa, Afar, Dire Dawa, Harari, Somali | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Faroe Islands** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Federated States of Micronesia** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Fiji** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | No evidence of reservoir or vector presence  -25% | (-3+2)-25%  -36.11% |
| **Finland** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **France** |  |  |  |  |  |  |
| Provence-Alpes-Cote-d’Azur | Yes | Yes | +6 [[50](#_ENREF_50)] | 8 cases in 2008 | - | 3+6+6  +100% |
| Languedoc-Rousillon | Yes | Yes | +4 [[51](#_ENREF_51)] | 7 cases in 2008 | - | 3+4+6  +86.67% |
| Rhone-Alpes | Yes | No | +5 [CNR-L] | HE High | - | 0+5-6  -6.67% |
| Corse | Yes | No | +4 [[51](#_ENREF_51)] | HE High | - | 0+4-6  -13.33% |
| Midi-Pyrenees | No | Yes | +3 [CNR-L] | HE High | - | 0+3-6  -20% |
| Lorraine | No | No | +3 [CNR-L] | HE High | - | -3+3-6  -40% |
| Auvergne | No | No | +2 [[52](#_ENREF_52)] | HE High | - | -3+2-6  -46.67% |
| Aquitaine | No | Yes |  | HE High | - | 0-6  -66.67% |
| Alsace, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Franche-Comte, Haute-Normandie, Ile-de-France, Limousin, Nord-Pas-de-Calais, Pays-de-la-Loire, Picardie, Poitou-Charentes | No | No | - | HE High | - | -3-6  -100% |
| **French Guiana** |  |  |  |  |  |  |
| All provinces | No | Yes | - | HE High | - | 0-6  -66.67% |
| **French Polynesia** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Gabon** |  |  |  |  |  |  |
| Moyen-Ogooue, Ogooue-Ivindo, Woleu-Ntem | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Estuaire, Haut-Ogooue, Ngounie, Nyanga, Ogooue-Iolo, Ogooue-Maritime | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **Gambia, The** |  |  |  |  |  |  |
| Western | Unspecified | Unspecified | +3 [[53](#_ENREF_53)] | HE Low | - | 0+3+2  +33.33% |
| Banjul, Central River, Kombo Siant Mary, Lower River, North Bank, Upper River | Unspecified | Unspecified | - | HE Low | - | 0+2  +22.22% |
| **Georgia** |  |  |  |  |  |  |
| Tbilisi | Yes | Yes | +5 [[54](#_ENREF_54)] | 102 cases in 2008 |  | 3+5+6  +93.33% |
| Kvemo Kartli | Yes | Yes | +3 [[55](#_ENREF_55)] | 30 cases in 2008 | - | 3+3+6  +80% |
| Kakheti | No | Yes | +4 [[56](#_ENREF_56)] | 25 cases in 2008 | - | 0+4+6  +66.67% |
| Imereti | No | Yes | +5 [[56](#_ENREF_56)] | 3 to 6 cases in 2008 | - | 0+5+2  +46.67% |
| Mtskheta Mtianeti | No | Yes | +3 [[55](#_ENREF_55)] | 3 to 6 cases in 2008 | - | 0+3+2  +33.33% |
| Shida Kartli | No | Yes | - | 3 to 6 cases in 2008 | - | 0+2  +22.22% |
| Racha-Lechkhumi and Kvemo Svaneti, Samtskhe-Javakheti | No | Yes | - | HE Medium | - | 0-2  -22.22% |
| Abkhazia, Adjara, Guria, Samergelo and Zemo Svaneti | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Germany** |  |  |  |  |  |  |
| Nordrhein Westfalen | No | No | +5 [[57](#_ENREF_57)] | HE High | - | -3+5-6  -26.67% |
| Baden Wurttemberg, Bayern, Berlin, Brandenburg, Bremen, Hamburg, Hessen, Mecklenburg-Vorpommern, Niedersachsen, Rheinland-Pfalz, Saarland, Sachsen, Sachsen-Anhalt, Schleswig-Holstein, Thuringen | No | No | - | HE High | - | -3-6  -100% |
| **Ghana** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | - | -3+2  -11.11% |
| **Gibraltar** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Greece** |  |  |  |  |  |  |
| Attiki | Yes | Yes | +5 [[58](#_ENREF_58)] | 15 cases in 2008 | - | 3+5+6  +93.33% |
| Kriti | Yes | Yes | +6 [[59](#_ENREF_59)] | 5 cases in 2008 | - | 3+6+0  +60% |
| Ionioi Nisoi | Yes | Yes | +4 [[60](#_ENREF_60)] | 2 to 3 cases in 2008 | - | 3+4+0  +46.67% |
| Anatoliki Makedonia Kai Thraki, Kentriki Makedonia | No | Yes | +6 [[61](#_ENREF_61)] | 1 case in 2008 | - | 0+6+0  +40% |
| Thessalia | No | Yes | +5 [[62](#_ENREF_62)] | 5 cases in 2008 | - | 0+5+0  +33.33% |
| Sterea Ellada | No | Yes | +5 [[58](#_ENREF_58)] | 2 to 3 cases in 2008 | - | 0+5+0  +33.33% |
| Peloponnisos | No | Yes | +5 [CNR-L] | 2 to 3 cases in 2008 | - | 0+5+0  +33.33% |
| Voreio Aigaio | No | Yes | +5 [CNR-L] | 1 case in 2008 | - | 0+5+0  +33.33% |
| Ipeiros | No | Yes | +4 [[60](#_ENREF_60)] | 1 case in 2008 | - | 0+4+0  +26.67% |
| Dytiki Makedonia | No | Yes | +6 [[61](#_ENREF_61)] | HE High | - | 0+6-6  0% |
| Notio Aigaio | No | Yes | +5 [CNR-L] | HE High | - | 0+5-6  -6.67% |
| Dytiki Ellada | No | Yes | - | HE High | - | 0-6  -66.67% |
| **Greenland** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available. Assumed HE High | - | -3-6  -100% |
| **Grenada** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Guadeloupe** |  |  |  |  |  |  |
| All provinces | No | No | +3 [[63](#_ENREF_63)] | No HE Data Available | - | -3+3-2  -13.33% |
| **Guam** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Guatemala** |  |  |  |  |  |  |
| Alta Verapaz, Chiquimula, Huehuetenango, Izabal, Peten, Quiche | Unspecified | Yes | - | Reported cases in 2008 | - | 2+2  +44.44% |
| Baja Verapaz, Chimaltenango, El Progreso, Escuintla, Guatemala, Jalapa, Jutiapa, Quetzaltenango, Retalhulehu, Sacatepequez, San Marcos, Santa Rosa, Solola, Suchitepequez, Totonicapan, Zacapa | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| **Guinea** |  |  |  |  |  |  |
| Boke, Kindia, Labe, Mamou | Unspecified | Unspecified | - | HE Low | - | 0+2  +22.22% |
| Conakry, Faranah, Kankan, N’Zerekore | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Guinea-Bissau** |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Guyana** |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **Haiti** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | - | -3+2  -11.11% |
| **Honduras** |  |  |  |  |  |  |
| Choluteca | Yes | Yes | +5 [[64](#_ENREF_64)] | 2 cases in 2008 | - | 3+5+2  +66.67% |
| Francisco Morazon | Yes | Yes | +3 [[65](#_ENREF_65)] | HE Medium | - | 3+3-2  +26.67% |
| Valle | Yes | Yes | +3 [[66](#_ENREF_66)] | HE Medium | - | 3+3-2  +26.67% |
| La Paz, Paraiso | Yes | Yes | - | HE Medium | - | 3-2  +11.11% |
| Copan, Intibuca, Lempira, Ocotepeque | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Cortes | Unspecified | No | +3 [[65](#_ENREF_65)] | HE Medium | - | -2+3-2  -6.67% |
| Atlantida, Colon, Comayagua, Gracias a Dios, Islas de Bahia, Olancho, Santa Barbara, Yoro | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **Hong Kong** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Hungary** |  |  |  |  |  |  |
| Bacs-kiskun, Baranya, Bekes, Csongrad, Somogy, Tolna | Yes | No | - | HE High | - | 0-6  -66.67% |
| Borsod-abauj-zemplen, Budapest, Fejer, Gyor-moson-sopron, Hajdu-bihar, Heves, Jasz-nagykun-szolnok, Komarom-esztergom, Nograd, Pest, Szabolcs-szatmar-bereg, Vas, Veszprem, Zala | No | No | - | HE High | - | -3-6  -100% |
| **Iceland** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **India** |  |  |  |  |  |  |
| Bihar | Yes | Yes | +6 [[67](#_ENREF_67),[68](#_ENREF_68)] | 28125 cases in 2008 | - | 3+6+6  +100% |
| West Bengal | Yes | Yes | +6 [[69](#_ENREF_69)]  +5 [[70](#_ENREF_70)] | 1256 cases in 2008 | - | 3+5.5+6  +96.67% |
| Jharkhand | Unspecified | Yes | +6 [[69](#_ENREF_69)] | 3960 cases in 2008 | - | 2+6+6  +93.33% |
| Uttar Pradesh | Yes | Yes | +4 [[71](#_ENREF_71)] | 26 cases in 2008 | - | 3+4+6  +86.67% |
| Assam | Yes | Yes | +5 [[72](#_ENREF_72)] | HE Low | - | 3+5+2  +66.67% |
| Sikkim | Yes | Yes | +5 [[73](#_ENREF_73)] | HE Low | - | 3+5+2  +66.67% |
|  |  |  |  |  |  |  |
| Delhi | Yes | No | +5 [[74](#_ENREF_74)] | HE Low | - | 0+5+2  +46.67% |
| Gujarat | Yes | No | +5 [[75](#_ENREF_75)] | HE Low | - | 0+5+2  +46.67% |
| Himachal Pradesh | Yes | No | +5 [[76](#_ENREF_76)] | HE Low | - | 0+5+2  +46.67% |
| Uttarakhand | Yes | No | +5 [[77](#_ENREF_77)] | HE Low | - | 0+5+2  +46.67% |
| Madhya Pradesh | Unspecified | No | +6 [[78](#_ENREF_78)] | HE Low | - | -2+6+2  +40% |
| Maharashtra, Orissa, Tamil Nadu | Yes | No | +3 (LE\_3386) | HE Low | - | 0+3+2  +33.33% |
| Haryana | Unspecified | No | +5 [[79](#_ENREF_79)] | HE Low | - | -2+5+2  +33.33% |
| Rajasthan | Unspecified | No | +5 [[80](#_ENREF_80)] | HE Low | - | -2+5+2  +33.33% |
| Tripura | Yes | Yes | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (3+2)-25%  +30.56% |
| Andhra Pradesh, Karnataka | Yes | No | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (0+2)-25%  -2.78% |
| Manipur, Meghalaya, Mizoram | Unspecified | Yes | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (2+2)-25%  +19.44% |
| Andaman and Nicobar, Chandigarh, Chhattisgarh, Goa, Kerala, Lakshadweep, Nagaland, Punjab | Unspecified | No | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (-2+2)-25%  -25% |
| **Iran** |  |  |  |  |  |  |
| Ardebil | Yes | Yes | +6 [[81](#_ENREF_81)] | 18 to 19 cases in 2008 | - | 3+6+6  +100% |
| Fars | Yes | Yes | +5 [[82](#_ENREF_82)] | 36 to 28 cases in 2008 | - | 3+5+6  +93.33% |
| East Azarbayejan | Yes | Yes | +4 [[83](#_ENREF_83)] | 18 to 19 cases in 2008 | - | 3+4+6  +86.67% |
| Khorasan | Yes | No | +5 [[84](#_ENREF_84)] | 14 to 21 cases in 2008 | - | 0+5+6  +73.33% |
| Khuzestan | Yes | Yes | +5 [[85](#_ENREF_85)] | 1 to 2 cases in 2008 | - | 3+5+2  +66.67% |
| Kohgiluyeh va boyerahma | Unspecified | Yes | +5 [[86](#_ENREF_86)] | 3 to 4 cases in 2008 | - | 2+5+2  +60% |
| Kerman | Unspecified | Yes | +5 [[87](#_ENREF_87)] | 1 to 2 cases in 2008 | - | 2+5+2  +60% |
| Tehran | Unspecified | No | +3 [[88](#_ENREF_88)] | 7 to 10 cases in 2008 | - | -2+3+6  +46.67% |
| Ghom | Unspecified | No | - | 7 to 10 cases in 2008 | - | -2+6  +44.44% |
| Hormozgan, Lorestan | Unspecified | Yes | - | 3 to 4 cases in 2008 | - | 2+2  +44.44% |
| Bushehr | Unspecified | No | +5 [[89](#_ENREF_89),[90](#_ENREF_90)] | 1 to 2 cases in 2008 | - | -2+5+2  +33.33% |
| Ilam | Unspecified | Yes | +3 [CNR-L] | HE Medium | - | 2+3-2  +20% |
| West Azarbayejan | Unspecified | Yes | +3 [[91](#_ENREF_91)] | HE Medium | - | 2+3-2  +20% |
| Mazandaran | Unspecified | No | +6 [[92](#_ENREF_92)] | HE Medium | - | -2+6-2  +13.33% |
| Esfahan | Unspecified | No | - | 1 to 2 cases in 2008 | - | -2+2  0% |
| Gilan, Golestan, Hamedan, Kermanshah, Kordestan, Markazi, Zanjan | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Chaharmahal-o bakhtiyar, Ghazvin, Semnan, Sistan-o baluchestan, Yazd | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **Iraq** |  |  |  |  |  |  |
| Qadisiyah | Yes | Yes | - | 25 to 55 cases in 2008 | - | 3+6  +100% |
| Diala | Unspecified | Yes | - | 123 to 155 cases in 2008 | - | 2+6  +88.89% |
| Salaheldin | Unspecified | Yes | - | 25 to 55 cases in 2008 | - | 2+6  +88.89% |
| As Sulaymaniyah, Kerbala, Muthanna, Ta’meem | Unspecified | Yes | - | 1 to 18 cases in 2008 | - | 2+6  +88.89% |
| Basrah | Unspecified | Yes | +5 [[93](#_ENREF_93)] | 83 to 111 cases in 2008 | - | 2+5+6  +86.67% |
| Baghdad | Yes | Yes | +3 [[94](#_ENREF_94)] | 123 to 155 cases in 2008 | - | 3+3+6  +80% |
| Missan | Unspecified | Yes | +4 [.ED] | 123 to 155 cases in 2008 | - | 2+4+6  +80% |
| Thiqar | Yes | Yes | +3 [[95](#_ENREF_95)] | 25 to 55 cases in 2008 | - | 3+3+6  +80% |
| Babil, Wasit | Unspecified | Yes | +3 [[94](#_ENREF_94)] | 123 to 155 cases in 2008 | - | 2+3+6  +73.33% |
| Anbar | Unspecified | No | +3 [CNR-L] | 83 to 111 cases in 2008 | - | -2+3+6  +46.67% |
| Najaf | Unspecified | No | - | 1 to 18 cases in 2008 | - | -2+6  +44.44% |
| Arbil | Unspecified | Yes | +3 [[94](#_ENREF_94)] | HE Medium | - | 2+3-2  +20% |
| Dahuk | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Ninevah | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **Ireland** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Israel** |  |  |  |  |  |  |
| Central District, Jerusalem | Unspecified | Yes | +5 [[96](#_ENREF_96)] | HE High | - | 2+5-6  +6.67% |
| Tel Aviv | Unspecified | Yes | +4 [[97](#_ENREF_97)] | HE High | - | 2+4-6  0% |
| Haifa | Unspecified | Yes | +3 [[98](#_ENREF_98)] | HE High | - | 2+3-6  -6.67% |
| Northern | Yes | Yes | - | HE High | - | 3-6  -33.33% |
| Southern District | Unspecified | Yes | - | HE High | - | 2-6  -44.44% |
| **Italy** |  |  |  |  |  |  |
| Toscana | Yes | Yes | +6 [[99](#_ENREF_99)] | 7 to 10 cases in 2004 |  | 3+6+4  +86.67% |
| Sicilia | Yes | Yes | +5 [[100](#_ENREF_100)] | 23 to 53 cases in 2004 |  | 3+5+4  +80% |
| Puglia | Yes | Yes | +5 [[101](#_ENREF_101)] | 7 to 10 cases in 2004 |  | 3+5+4  +80% |
| Campania | Yes | Yes | +4 [[102](#_ENREF_102)] | 23 to 53 cases in 2004 |  | 3+4+4  +73.33% |
| Lazio | Yes | Yes | +3 [[103](#_ENREF_103)] | 23 to 53 cases in 2004 |  | 3+3+4  +66.67% |
| Lombardia | No | Yes | +5 [[104](#_ENREF_104)] | 7 to 10 cases in 2004 | - | 0+5+4  +60% |
| Emilia-Romagna | Yes | Yes | +3 [[105](#_ENREF_105)] | 4 to 6 cases in 2004 | - | 3+3+0  +40% |
| Sardegna | Yes | Yes | +3 [[106](#_ENREF_106)] | 4 to 6 cases in 2004 | - | 3+3+0  +40% |
| Abruzzi, Calabria | Yes | Yes | +3 [[103](#_ENREF_103)] | 4 to 6 cases in 2004 | - | 3+3+0  +40% |
| Basilicata, Veneto | Yes | Yes | +3 [[103](#_ENREF_103)] | 1 to 2 cases in 2004 | - | 3+3+0  +40% |
| Liguria | No | Yes | +5 [[107](#_ENREF_107)] | 4 to 6 cases in 2004 | - | 0+5+0  +33.33% |
| Piemonte, Trentino-alto Adige | No | Yes | +3 [[108](#_ENREF_108)] | 1 to 2 cases in 2004 | - | 0+3+0  +20% |
| Friuli-Venezia Giulia, Marche, Molise | Yes | Yes | +3 [[103](#_ENREF_103)] | HE High | - | 3+3-6  0% |
| Umbria, Valle d’Aosta | No | Yes | +3 [[103](#_ENREF_103)] | HE High | - | 0+3-6  -20% |
| **Indonesia** |  |  |  |  |  |  |
| All provinces | Unspecified | No |  | HE Low | No evidence of reservoir or vector presence  -25% | (-2+2)-25%  -25% |
| **Jamaica** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Japan** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Jordan** |  |  |  |  |  |  |
| Al Aqabah, Al Karak, Irbid | Yes | Unspecified | - | HE Medium | - | 2-2  0% |
| Ajloun, Al Balqa, Al Mafraq, Amman, At Tafilah, Az Zarqa, Jarash, Ma’an, Madaba | Unspecified | Unspecified | - | HE Medium | - | 0-2  -22.22% |
| **Kazakhstan** |  |  |  |  |  |  |
| Kyzylordinskaya | Yes | Unspecified | - | HE Medium | - | 2-2  0% |
| Akmolinskaya, Aktyubinskaya, Almatinskaya, Almaty City, Atyrauskaya, Jambylslkaya, Karagandinskaya, Kustanayskaya, Mangistauskaya, Pavlodarskaya, Severo-kazachstanskaya, Vostochno-kazachstanskaya, Yujno-kazachstanskaya, Zapadno-kazachstanskaya | Unspecified | Unspecified | - | HE Medium | - | 0-2  -22.22% |
| **Kenya** |  |  |  |  |  |  |
| Rift Valley | Yes | Yes | +6 [[109](#_ENREF_109)] | 1373 cases in 2008 | - | 3+6+6  +100% |
| Eastern | Yes | Yes | +3 [[110](#_ENREF_110)] | Reported cases | - | 3+3+4  +66.67% |
| North Eastern | No | Yes | +4 [[111](#_ENREF_111)] | 80 cases in 2008 | - | 0+4+6  +66.67% |
| Western | No | Yes | +5 [[112](#_ENREF_112)] | HE Low | - | 0+5+2  +46.67% |
| Nairobi | No | Yes | +4 [[113](#_ENREF_113)] | HE Low | - | 0+4+2  +40% |
| Central, Coast, Nyanza | No | Yes | - | HE Low | - | 0+2  +22.22% |
| **Kiribati** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Korea, Democratic People’s Republic of** |  |  |  |  |  |  |
| All provinces | No | No | - | Assumed HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| **Korea, Republic of** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Kuwait** |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE High | - | -2-6  -88.89% |
| **Kyrgyzstan** |  |  |  |  |  |  |
| Batken, Chuy, Osh | Unspecified | Unspecified | - | Reported cases | - | 0+4  +44.44% |
| Jalal-abad, Naryn, Talas, Ysyk-kol | Unspecified | Unspecified | - | HE Low | - | 0+2  +22.22% |
| **Lao PDR** |  |  |  |  |  |  |
| All provinces | No | No |  | HE Low | No evidence of reservoir or vector presence  -25% | (-3+2)-25%  -36.11% |
| **Latvia** |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE High | - | -2-6  -88.89% |
| **Lebanon** |  |  |  |  |  |  |
| Liban Nord | Unspecified | Yes | +4 [[114](#_ENREF_114)] | Reported cases | - | 2+4+0  +40% |
| Beyrouth | Unspecified | Yes | +3 [[114](#_ENREF_114)] | Reported cases | - | 2+3+0  +33.33% |
| Liban Sud, Mont Liban | Unspecified | Yes | - | Reported cases | - | 2+0  +22.22% |
| Beqaa, Nabatieh | Unspecified | Yes | - | HE High | - | 2-6  -44.44% |
| **Lesotho** |  |  |  |  |  |  |
| All provinces | No | No |  | HE Low | No evidence of reservoir or vector presence  -25% | (-3+2)-25%  -36.11% |
| **Liberia** |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE Low | No evidence of reservoir or vector presence  -25% | (-2+2)-25%  -25% |
| **Libya** |  |  |  |  |  |  |
| Banghazi | Yes | Yes | +3 [[115](#_ENREF_115)] | HE Medium | - | 3+3-2  +26.67% |
| Al Fatah, Al Jabal Al Akhdar, Darnah, Tripoli | Yes | Yes | - | HE Medium | - | 3-2  +11.11% |
| Awbari | Unspecified | No | - | 2 cases in 2008 | - | -2+2  0% |
| Ajdabiya, Al Aziziyah, Al Khoms, Az Zawia, Misurata, Nuqat Al Khams, Sawfajjin, Surt, Tarhunah, Tubruq, Zeleitin | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Al Jufrah, Al Kufrah, Ash Shati, Ghadamis, Gharyan, Murzuq, Sabha, Yafran | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **Liechtenstein** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Lithuania** |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE High | - | -2-6  -88.89% |
| **Luxembourg** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Macao** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Macedonia, Former Yugoslav Republic of** |  |  |  |  |  |  |
| Bitola, Demir Hisar, Krusevo, Prilep, Resen | Unspecified | Yes |  | 12 cases 1996-2009 | - | 2+2  +44.44% |
| Berovo, Delcevo, Kavadarci, Kocani, Negotino, Skopje, Stip, Sveti Nikole, Veles, Vinica | Unspecified | Yes |  | 7 cases 1996-2009 | - | 2+2  +44.44% |
| Debar, Gostivar, Tetovo | Unspecified | Yes |  | 3 cases 1996-2009 | - | 2+2  +44.44% |
| Kratovo, Kriva Palanka, Kumanovo | Unspecified | Yes |  | 2 cases 1996-2009 | - | 2+2  +44.44% |
| Brod, Gevgelija, Kicevo, Ohrid, Probistip, Radovic, Struga, Strumica, Valandovo | Unspecified | Yes |  | HE Medium | - | 2-2  0% |
| **Madagascar** |  |  |  |  |  |  |
| All provinces | No | No |  | HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| **Malawi** |  |  |  |  |  |  |
| Northern Region | Unspecified | No | +3 [[116](#_ENREF_116)] | HE Low | - | -2+3+2  +20% |
| Central Region, Southern Region | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Malaysia** |  |  |  |  |  |  |
| All provinces | No | No |  | HE Medium |  | -3-2  -55.56% |
| **Maldives** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Mali** |  |  |  |  |  |  |
| Mopti, Segou, Tombouctou | No | Unspecified | - | HE Low | - | -2+2  0% |
| Bamako, Gao, Kayes, Kidal, Koulikoro, Sikasso | No | No | - | HE Low | - | -3+2  -11.11% |
| **Malta** |  |  |  |  |  |  |
| All provinces | Yes | Yes | +6 [[117](#_ENREF_117)] | HE High | - | 3+6-6  +20% |
| **Marshall Islands** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Martinique** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Mauritania** |  |  |  |  |  |  |
| All provinces | No | Unspecified |  | HE Medium | - | -2-2  -44.44% |
| **Mauritius** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Mayotte** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Mexico** |  |  |  |  |  |  |
| Chiapas | Yes | Yes | +5 [[118](#_ENREF_118)] | 99 cases 1981-2007 |  | 3+5+6  +93.33% |
| Oaxaca | Unspecified | Yes | - | 1 case 1981-2007 | - | 2+0  +22.22% |
| Guerrero | Yes | No | +3 [[119](#_ENREF_119)] | 5 cases 1981-2007 | - | 0+3+0  +20% |
| Puebla | Unspecified | No | +3 [[120](#_ENREF_120)] | 5 cases 1981-2007 | - | -2+3+0  +6.67% |
| Distrito Federal | Yes | No | - | 1 case 1981-2007 | - | 0+0  0% |
| Tabasco | Unspecified | No | +5 [[121](#_ENREF_121)] | HE High | - | -2+5-6  -20% |
| Morelos | Unspecified | No | - | 2 cases 1981-2007 | - | -2+0  -22.22% |
| Veracruz | Unspecified | Yes | - | HE High | - | 2-6  -44.44% |
| Aguascalientes, Baja California, Baja California Sur, Campeche, Chihuahua, Coahuila, Colima, Durango, Guanajuato, Hidalgo, Jalisco, Mexico, Michoacan, Nayarit, Nuevo Leon, Queretaro, Quintana Roo, San Luis Potosi, Sinaloa, Sonora, Tamaulipas, Tlaxcala, Yucatan, Zacatecas | Unspecified | No |  | HE High | - | -2-6  -88.89% |
| **Moldova, Republic of** |  |  |  |  |  |  |
| All provinces | Unspecified | No |  | HE Medium | - | -2-2  -44.44% |
| **Monaco** |  |  |  |  |  |  |
| All provinces | No | Yes | - | Reported cases | - | 0+0  0% |
| **Mongolia** |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Montenegro** |  |  |  |  |  |  |
| Bar | Unspecified | Yes | +5 [[122](#_ENREF_122)] | 13 to 18 cases 1992-2009 | - | 2+5+0  +46.67% |
| Ulcinj | Unspecified | Yes | +5 [[122](#_ENREF_122)] | 8 cases 1992-2009 | - | 2+5+0  +46.67% |
| Cetinje, Tivat | Unspecified | Yes | +5 [[122](#_ENREF_122)] | 3 cases in 1992-2009 | - | 2+5+0  +46.67% |
| Herceg Novi, Kotor | Unspecified | Yes | +5 [[122](#_ENREF_122)] | 1 case in 1992-2009 | - | 2+5+0  +46.67% |
| Podgorica | Unspecified | Yes | - | 13 to 18 cases 1992-2009 | - | 2+0  +22.22% |
| Danilovgrad | Unspecified | Yes | - | 3 cases in 1992-2009 | - | 2+0  +22.22% |
| Niksic, Rozaj | Unspecified | Yes | - | 1 case in 1992-2009 | - | 2+0  +22.22% |
| Budva | Unspecified | Yes | +5 [[122](#_ENREF_122)] | HE High | - | 2+5-6  +6.67% |
| Andrijevica, Berane, Bijelo Polje, Kolasin, Mojkovac, Plav, Pljevlja, Pluzine, Savnik, Zabljak | Unspecified | Yes | - | HE High | - | 2-6  -44.44% |
| **Montserrat** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Morocco** |  |  |  |  |  |  |
| Centre Nord | Yes | Yes | +5 [[123](#_ENREF_123)]  +4 [[124](#_ENREF_124)] | 20 cases in 2008 |  | 3+4.5+6  +90% |
| Centre Sud, Nord Ouest | Yes | Yes | +4 [[124](#_ENREF_124)] | 10 cases in 2008 |  | 3+4+6  +86.67% |
| Centre | Yes | Yes | +2 [[125](#_ENREF_125)] | 10 cases in 2008 |  | 3+2+6  +73.33% |
| Oriental | Yes | Yes | +2 [[125](#_ENREF_125)] | 1 to 4 cases in 2008 | - | 3+2+2  +46.67% |
| Sud | No | Yes | +2 [[125](#_ENREF_125)] | 3 to 8 cases in 2008 | - | 0+2+2  +26.67% |
| Tensift | Yes | Yes | +2 [[125](#_ENREF_125)] | HE Medium | - | 3+2-2  +20% |
| **Mozambique** |  |  |  |  |  |  |
| Manica, Sofala | Unspecified | Unspecified |  | HE Low | No evidence of reservoir or vector presence  -25% | (0+2)-25%  -2.78% |
| Cabo Delgado, Gaza, Inhambane, Maputo, Maputo City, Nampula, Niassa, Tete, Zambezia | Unspecified | No |  | HE Low | No evidence of reservoir or vector presence  -25% | (-2+2)-25%  -25% |
| **Myanmar** |  |  |  |  |  |  |
| Chin State, Magway Division, Rakhine State, Sagaing Division | Yes | No | - | HE Low | - | 0+2  +22.22% |
| Ayeyarwady Division, Bago East Division, Bago West Division, Kachin State, Kayin State, Kayah State, Mandalay Division, Mon State, Shan State (East), Shan State (North), Shan State (South), Tanintharyi Division, Yangon Division | No | No | - | HE Low | - | -3+2  -11.11% |
| **Namibia** |  |  |  |  |  |  |
| Kunene, Omusati, Oshana | No | Unspecified | - | HE Medium | - | -2-2  -44.44% |
| Caprivi, Erongo, Hardap, Karas, Kavango, Khomas, Ohangwena, Omaheke, Oshikoto, Otjozondjupa | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Nauru** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Nepal** |  |  |  |  |  |  |
| Central, Eastern | Yes | Unspecified | +6 [[126](#_ENREF_126)] | Many reported cases 2007 to 2008 | - | 2+6+6  +93.33% |
| Western | Unspecified | Unspecified | +5 [[127](#_ENREF_127)] | Reported cases | - | 0+5+4  +60% |
| Mid Western | Yes | Unspecified | +3 (LE\_3359) | HE Low | - | 2+3+2  +46.67% |
| Far Western | Unspecified | Unspecified | +5 [[128](#_ENREF_128)] | HE Low | - | 0+5+2  +46.67% |
| **Netherland Antilles** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Netherlands** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **New Caledonia** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Nicaragua** |  |  |  |  |  |  |
| Chinandega | Yes | Yes | +5 [[129](#_ENREF_129)] | 14 cases in 2008 | - | 3+5+6  +93.33% |
| Leon, Managua | Yes | Yes | +5 [[129](#_ENREF_129)] | 2 cases in 2008 | - | 3+5+2  +66.67% |
| Chontales | Yes | Yes | +5 [[129](#_ENREF_129)] | 1 case in 2008 | - | 3+5+2  +66.67% |
| Madriz | Unspecified | Yes | - | 2 cases in 2008 | - | 2+2  +44.44% |
| Nueva Segovia | Unspecified | No | +5 [[129](#_ENREF_129)] | 4 cases in 2008 | - | -2+5+2  +33.33% |
| Atlantico Sur | Unspecified | No | +5 [[129](#_ENREF_129)] | 1 case in 2008 | - | -2+5+2  +33.33% |
| Boaco, Carazo, Esteli, Granada, Masaya | Unspecified | Yes | +5 [[129](#_ENREF_129)] | HE Medium | - | 2+5-2  +33.33% |
| Atlantico Norte, Matagalpa | Unspecified | No | +5 [[129](#_ENREF_129)] | HE Medium | - | -2+5-2  +6.67% |
| Rio San Juan, Rivas | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Jinotega | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **Niger** |  |  |  |  |  |  |
| Agadez | Yes | Yes | +3 [[130](#_ENREF_130),[131](#_ENREF_131)] | Reported cases | - | 3+3+4  +66.67% |
| Diffa, Zinder | No | Yes | - | HE Low | - | 0+2  +22.22% |
| Dosso, Maradi, Niamey, Tahoua, Tillaberi | No | No | - | HE Low | - | -3+2  -11.11% |
| **Nigeria** |  |  |  |  |  |  |
| Bauchi, Kaduna, Niger, Plateau | No | Yes | - | HE Low | - | 0+2  +22.22% |
| Abia, Adamawa, Akwa Ibom, Anambra, Bayelsa, Benue, Borno, Cross River, Delta, Ebonyi, Edo, Ekiti, Enugu, FCT Abuja, Gombe, Imo, Jigawa, Kano, Katsina, Kebbi, Kogi, Kwara, Lagos, Nassarawa, Ogun, Ondo, Osun, Oyo, Rivers, Sokoto, Taraba, Yobe, Zamfara | No | No | - | HE Low | - | -3+2  -11.11% |
| **Niue** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Northern Marianas** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Norway** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Oman** |  |  |  |  |  |  |
| Dhofar | Yes | Yes | - | Sporadic cases | - | 3+2  +55.56% |
| Al Batnah | Yes | No | +5 [[132](#_ENREF_132)] | HE Medium | - | 0+5-2  +20% |
| Al Dhahira | Yes | No | +4 [[133](#_ENREF_133)] | HE Medium | - | 0+4-2  +13.33% |
| Al Wusta | No | Yes | +4 [[133](#_ENREF_133)] | HE Medium | - | 0+4-2  +13.33% |
| Muscat | No | No | +5 [[134](#_ENREF_134)] | HE Medium | - | -3+5-2  0% |
| A Dakhliya, A Sharqiya | No | No | +4 [[133](#_ENREF_133)] | HE Medium | - | -3+4-2  -6.67% |
| Musandam | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Pakistan** |  |  |  |  |  |  |
| NWFP | Yes | Yes | +5 [[135](#_ENREF_135)] | Sporadic cases | - | 3+5+4  +80% |
| Punjab | Yes | Yes | +3 [[136](#_ENREF_136)] | Sporadic cases | - | 3+3+4  +66.67% |
| Fata | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Balochistan | Unspecified | No | +5 [[137](#_ENREF_137)] | HE Low | - | -2+5+2  +33.33% |
| Islamabad, Sind | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Palau** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Panama** |  |  |  |  |  |  |
| All provinces | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| **Paraguay** |  |  |  |  |  |  |
| Central | Unspecified | Yes | +6 [[23](#_ENREF_23)] | 31 cases in 2008 | - | 2+6+6  +93.33% |
| Paraguari | Unspecified | Yes | - | 6 cases in 2008 | - | 2+2  +44.44% |
| Cordillera, Guaira | Unspecified | Yes | - | 3 to 4 cases in 2008 | - | 2+2  +44.44% |
| Itapua, San Pedro | Unspecified | Yes | - | 1 to 2 cases in 2008 | - | 2+2  +44.44% |
| Alto Paraguay, Alto Parana, Amambay, Boqueron, Caaguazu, Caazapa, Canindeyu, Concepcion, Misiones, Neembucu, Presidente Hayes | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| **Papua New Guinea** |  |  |  |  |  |  |
| All provinces | No | No |  | HE Low | No evidence of reservoir or vector presence  -25% | (-3+2)-25%  -36.11% |
| **Peru** |  |  |  |  |  |  |
| Amazonas, Ancash, Apurimac, Arequipa, Ayacucho, Cajamarca, Callao, Cusco, Huancavelica, Huanuco, Ica, Junin, La Libertad, Lambayeque, Lima, Pasco, Piura, San Martin, Tumbes, Ucayali | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Loreto, Madre de Dios, Moquegua, Puno, Tacna | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **Philippines** |  |  |  |  |  |  |
| All provinces | No | No |  | HE Low | No evidence of reservoir or vector presence  -25% | (-3+2)-25%  -36.11% |
| **Pitcairn Islands** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | No evidence of reservoir or vector presence  -25% | (-3+2)-25%  -36.11% |
| **Poland** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Portugal** |  |  |  |  |  |  |
| Lisboa, Setubal | Yes | Yes | +6 [[138](#_ENREF_138)] | 12 cases in 2007 | - | 3+6+6  +100% |
| Santarem | No | Yes | +5 [[139](#_ENREF_139)] | 12 cases in 2007 | - | 0+5+6  +73.33% |
| Leiria | No | Yes | - | 12 cases in 2007 | - | 0+6  +66.67% |
| Aveiro, Braga, Braganca, Guarda, Porto, Viana do Castelo, Vila Real, Viseu | Yes | Yes | +6 [[138](#_ENREF_138)] | 4 cases in 2007 | - | 3+6+0  +60% |
| Faro | Yes | Yes | +6 [[138](#_ENREF_138)] | 1 case in 2007 | - | 3+6+0  +60% |
| Beja | No | Yes | +5 [[139](#_ENREF_139)] | 4 cases in 2007 | - | 0+5+0  +33.33% |
| Castelo Branco, Coimbra | No | Yes | +5 [[139](#_ENREF_139)] | 2 cases in 2007 | - | 0+5+0  +33.33% |
| Evora, Portalegre | No | Yes | - | 4 cases in 2007 | - | 0+0  +0% |
| Azore Islands | No | No | - | HE High | - | -3-6  -100% |
| **Puerto Rico** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Qatar** |  |  |  |  |  |  |
| All provinces | Unspecified | No |  | HE High |  | -2-6  -88.89% |
| **Reunion** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available. Assumed HE High | - | -3-6  -100% |
| **Romania** |  |  |  |  |  |  |
| Dolj, Gorj, Mehedinti, Olt, Teleorman, Vilcea | Yes | Unspecified | - | HE High | - | 2-6  -44.44% |
| Alba, Arad, Arges, Bacau, Bihor, Bistrita-nasaud, Botosani, Braila, Brasov, Bucuresti, Buzau, Calarasi, Caras-severin, Cluj, Constanta, Covasna, Dimbovita, Galati, Giurgiu, Harghita, Hunedoara, Ialomita, Iasi, Maramures, Mures, Neamt, Prahova, Salaj, Satu Mare, Sibiu, Suceava, Timis, Tulcea, Vaslui, Vrancea | No | Unspecified | - | HE High |  | -2-6  -88.89% |
| **Russian Federation** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Rwanda** |  |  |  |  |  |  |
| All provinces | Unspecified | No |  | HE Low | No evidence of infection in reservoir or vector species  -25% | (-2+2)-25%  -25% |
| **Saint Helena** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Saint Kitts and Nevis** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Saint Lucia** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Saint Pierre and Miquelon** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Saint Vincent and the Grenadines** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| **San Marino** |  |  |  |  |  |  |
| All provinces | No | Yes | - | HE High | - | 0-6  -66.67% |
| **Sao Tome and Principe** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | No evidence of reservoir or vector presence  -25% | (-3+2)-25%  -36.11% |
| **Saudi Arabia** |  |  |  |  |  |  |
| Jizan | Yes | Yes | +3 [CNR-L] | 29 cases in 2008 | - | 3+3+6  +80% |
| Asir | Yes | Yes | +3 [[140](#_ENREF_140)] | 2 cases in 2008 | - | 3+3+0  +40% |
| Riyad | Unspecified | Yes | +2 [[141](#_ENREF_141)] | HE High | - | 2+2-6  -13.33% |
| Baha, Makkah | Yes | No | +3 [[140](#_ENREF_140)] | HE High | - | 0+3-6  -20% |
| Tabuk | Yes | No | +2 [[142](#_ENREF_142)] | HE High | - | 0+2-6  -26.67% |
| Eastern Province | Unspecified | No | +3 [CNR-L] | HE High | - | -2+3-6  -33.33% |
| Najran | Yes | Yes | - | HE High | - | 3-6  -33.33% |
| Hail, Jawf, Madinah, Northern Frontier, Quassim | Unspecified | No | - | HE High | - | -2-6  -88.89% |
| **Senegal** |  |  |  |  |  |  |
| Thies | Unspecified | Unspecified | - | Reported serology [[143](#_ENREF_143)] | - | 0+4  +44.44% |
| Dakar, Diourbel, Fatick, Kaolack, Kolda, Louga, Matam, Saint-Louis, Tambacounda, Ziguinchor | Unspecified | Unspecified | - | HE Low | - | 0+2  +22.22% |
| **Serbia** |  |  |  |  |  |  |
| Borski, Branicevski, Jablanski, Kolubarski, Kosovski, Kosovsko-mitovatski, Kosovsko-pomoravski, Macvanski, Moravicki, Nisavski, Pcinjski, Pecki, Pirotski, Podunavski, Pomoravski, Prizremski, Rasinski, Raski, Sumadijski, Toplicki, Zajecarski, Zlatiborski | Unspecified | Unspecified | - | HE Medium | - | 0-2  -22.22% |
| Grad Beograd, Juzno-backi, Juzno-banatski, Severno-backi, Severno-banatski, Srednje-banatski, Sremski, Zapadno-backi | Unspecified | No | - | HE Medium | - | -2-2  -44.44% |
| **Seychelles** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Sierra Leone** |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE Low | No evidence of reservoir or vector presence  -25% | (-2+2)-25%  -25% |
| **Singapore** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Slovakia** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Slovenia** |  |  |  |  |  |  |
| Gorenjska, Goriska, Jugovzodna Slovenija, Notranjsko-kraska, Obalno-kraska, Osrednjeslovenska | Unspecified | Yes | - | HE High | - | 2-6  -44.44% |
| Koroska, Podravska, Pomurska, Savinjska, Spodnjeposavska, Zasavska | Unspecified | No | - | HE High | - | -2-6  -88.89% |
| **Solomon Islands** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | No evidence of reservoir or vector presence  -25% | (-3+2)-25%  -36.11% |
| **Somalia** |  |  |  |  |  |  |
| Bakool | Yes | Yes | +6 [[144](#_ENREF_144)] | 970 cases in 2008 | - | 3+6+6  +100% |
| Bay | Yes | Yes | - | Reported cases | - | 3+4  +77.78% |
| Gedo | Yes | Yes | +4 [[111](#_ENREF_111)] | Reported cases | - | 3+4+4  +73.33% |
| Juba Dhexe, Juba Hoose | Yes | Yes | - | Assumed HE Low | - | 3+2  +55.56% |
| Shabelle Dhexe | Yes | No | + [[145](#_ENREF_145)] | Assumed HE Low | - | 0+3+2  +33.33% |
| Hiraan, Shabelle Hoose | Yes | No | - | Assumed HE Low | - | 0+2  +22.22% |
| Awdal, Banadir, Bari, Galgaduud, Mudug, Nugaal, Sanaag, Sool, Togdheer, Woqooyi Galbeed | No | No | - | Assumed HE Low | - | -3+2  -11.11% |
| **South Africa** |  |  |  |  |  |  |
| All provinces | No | No |  | HE High |  | -3-6  -100% |
| **South Sudan** |  |  |  |  |  |  |
| Jonglei | Yes | Yes | +5 [[146](#_ENREF_146)] | 1042 cases in 2009 | - | 3+5+6  +93.33% |
| Upper Nile | Yes | Yes | +3 [[147](#_ENREF_147)] | 446 cases in 2009 | - | 3+3+6  +80% |
| Eastern Equatoria | Unspecified | Yes | +3 [[147](#_ENREF_147)] | 41 cases in 2009 | - | 2+3+6  +73.33% |
| Unity | Unspecified | Yes | +3 [[148](#_ENREF_148)] | Reported cases | - | 2+3+4  +60% |
| Warab | Unspecified | Yes | +3 [[149](#_ENREF_149)] | HE Low | - | 2+3+2  +46.67% |
| Central Equatoria, El Buheyrat | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Northern Bahr El Ghazal, Western Bahr El Ghazal | Yes | No | - | HE Low | - | 0+2  +22.22% |
| Western Equatoria | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Spain** |  |  |  |  |  |  |
| Cataluna | Yes | Yes | +6 [[150](#_ENREF_150)] | 60 “Leishmaniasis” cases in 2008 |  | 3+6+6  +100% |
| Andalucia | Yes | Yes | +3 [[151](#_ENREF_151)] | 264 “Leishmaniasis” cases in 2008 |  | 3+3+6  +80% |
| Madrid | Yes | Yes | +6 [[150](#_ENREF_150),[152](#_ENREF_152)] | 16 “Leishmaniasis” cases in 2008 | - | 3+6+0  +60% |
| Valencia | Yes | Yes | +6 [[150](#_ENREF_150)] | Reported “Leishmaniasis” cases | - | 3+6+0  +60% |
| Balearic Islands | Yes | Yes | +5 [[153](#_ENREF_153)] | 11 “Leishmaniasis” cases in 2008 | - | 3+5+0  +53.33% |
| Murcia | Yes | Yes | +4 [[154](#_ENREF_154)] | 1 to 6 “Leishmaniasis” cases in 2008 | - | 3+4+0  +46.67% |
| Castilla la Mancha | No | Yes | +6 [[150](#_ENREF_150)] | Reported “Leishmaniasis” cases | - | 0+6+0  +40% |
| Extremadura | No | Yes | +5 [[155](#_ENREF_155)] | 2 to 12 “Leishmaniasis” cases in 2008 | - | 0+5+0  33.33% |
| Aragon | No | Yes | +3 [[156](#_ENREF_156)] | 3 to 18 “Leishmaniasis” cases in 2008 | - | 0+3+0  +20% |
| Castilla y Leon | Yes | Yes | +3 [[157](#_ENREF_157)] | HE High | - | 3+3-6  0% |
| La Rioja, Navarra | No | Yes | - | 1 to 6 “Leishmaniasis” cases in 2008 | - | 0+0  0% |
| Asturias, Canary Islands, Cantabria, Galicia, Pais Vasco | No | No | - | HE High | - | -3-6  -100% |
| **Sri Lanka** |  |  |  |  |  |  |
| North Central | No | Unspecified | +5 [[158](#_ENREF_158)] | HE Low | - | -2+5+2  +33.33% |
| Northern | No | Unspecified | +5 [[159](#_ENREF_159)] | HE Low | - | -2+5+2  +33.33% |
| Central, Eastern, North Western, Sabaragamuwa, Southern, Uva, Western | No | Unspecified | - | HE Low | - | -2+2  0% |
| **Sudan** |  |  |  |  |  |  |
| Gadaref | Yes | Yes | +6 [[160](#_ENREF_160)] | 3951 cases in 2009 | - | 3+6+6  +100% |
| Northern Darfur | Unspecified | Yes | - | 60 cases in 2009 | - | 2+6  +88.89% |
| Blue Nile | Yes | Yes | +4 [[161](#_ENREF_161)] | 53 cases in 2009 | - | 3+4+6  +86.67% |
| Sennar | Yes | Yes | +3 [[162](#_ENREF_162)] | 497 cases in 2009 | - | 3+3+6  +80% |
| Kassala | Yes | Yes | +3 [[147](#_ENREF_147)] | HE Low | - | 3+3+2  +53.33% |
| Khartoum | Yes | Yes | +3 [[163](#_ENREF_163)] | HE Low | - | 3+3+2  +53.33% |
| Northern Kordofan | Unspecified | Yes | +4 [[164](#_ENREF_164)] | HE Low | - | 2+4+2  +53.33% |
| Southern Kordofan | Yes | Yes | +2 (LE\_3376) | HE Low | - | 3+2+2  +46.67% |
| Al Jazeera | Unspecified | Yes | +3 [CNR-L] | HE Low | - | 2+3+2  +46.67% |
| White Nile | Unspecified | Yes | +2 [[165](#_ENREF_165)] | HE Low | - | 2+2+2  +40% |
| Nile, Northern, Red Sea, Southern Darfur, Western Darfur | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Suriname** |  |  |  |  |  |  |
| All provinces | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| **Swaziland** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium |  | -3-2  -55.56% |
| **Sweden** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Switzerland** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Syria** |  |  |  |  |  |  |
| Idleb | No | Yes | +5 [[166](#_ENREF_166)] | 12 cases in 2008 | - | 0+5+6  +73.33% |
| Lattakia | No | Yes | +5 [[166](#_ENREF_166)] | 3 cases in 2008 | - | 0+5+4  +60% |
| Aleppo | No | Yes | +5 [[166](#_ENREF_166)] | 2 cases in 2008 | - | 0+5+4  +60% |
| Tartous | No | Yes | +5 [[166](#_ENREF_166)] | HE Low | - | 0+5+2  +46.67% |
| Dara | No | Yes | +4 [[167](#_ENREF_167)] | HE Low | - | 0+4+2  +40% |
| Al Qunaytirah, Damascus, Damascus City, Hama, Hassakeh, Homs, Raqqa | No | Yes | - | HE Low | - | 0+2  +22.22% |
| As Suweida | No | No | +4 [[167](#_ENREF_167)] | HE Low | - | -3+4+2  +20% |
| Dayr Az Zor | No | No | - | HE Low | - | -3+2  -11.11% |
| **Taiwan** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Tajikistan** |  |  |  |  |  |  |
| Sogd | Unspecified | Unspecified | +6 [[168](#_ENREF_168)] | 38 cases in 2009 | - | 0+6+6  +80% |
| Badakhshoni Kuni | Unspecified | No | - | 13 cases in 2009 | - | -2+6  +44.44% |
| Khatlon, Tadzhikistan Territories | Unspecified | Unspecified | - | HE Low | - | 0+2  +22.22% |
| **Tanzania** |  |  |  |  |  |  |
| Arusha, Kilimanjaro | No | No | - | HE Low | Presence of *Phlebotomus martini* reported [[169](#_ENREF_169)]  +10% | (-3+2)+10%  -1.11% |
| Mara | No | Unspecified | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (-2+2)-25%  -25% |
| Dar es Salaam, Dodoma, Iringa, Kagera, Kigoma, Lindi, Manyara, Mbeya, Morogoro, Mtwara, Mwanza, Pemba North, Pemba South, Pwani, Rukwa, Ruvuma, Shinyanga, Singida, Tabora, Tanga, Unguja North, Unguja South, Unguja Urban West | No | No | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| **Thailand** |  |  |  |  |  |  |
| Bangkok, Chanthaburi, Nan | No | Unspecified | +6 [[170](#_ENREF_170)] | Reported cases | - | -2+6+2  +40% |
| Phangnga | No | Unspecified | +6 [[171](#_ENREF_171)] | Reported cases | - | -2+6+2  +40% |
| Songkhla, Trang | No | Unspecified | +6 [[172](#_ENREF_172)] | Reported cases | - | -2+6+2  +40% |
| Surat Thani | No | Unspecified | +4 [[170](#_ENREF_170)] | Reported cases | - | -2+4+2  +26.67% |
| Nakhon Si Thammarat, Satun | No | Unspecified | - | Reported cases | - | -2+2  0% |
| Amnat Charoen, Ang Thong, Buriram, Chachoengsao, Chainat, Chaiyaphum, Chiang Mai, Chiang Rai, Chonburi, Chumphon, Kalasin, Kampaeng Phet, Kanchanaburi, Khon Kaen, Krabi, Lampang, Lamphun, Loei,Lopburi, Mae Hong Son, Maha Sarakham, Mukdahan, Nakhon Nayok, Nakhon Pathom, Nakhon Phanom, Nakhon Ratchasima, Nakhon Sawan, Narathiwat, Nong Bua Lamphu, Nong Khai, Nonthaburi, Pathum Thani, Pattani, Phachinburi, Phattalung, Phayao, Phetchabun, Phetchaburi, Phicit, Phitsanulok, Phra Nakhon Si Ayudhya, Phrae, Phuket, Prachuap Khilikhan, Ranong, Ratchaburi, Rayong, Roi Et, Sa Kaeo, Sakon Nakhon, Samut Prakarn, Samut Sakhon, Samut Songkham, Saraburi, Satun, Si Saket, Singburi, Sukhothai, Suphanburi, Surin, Tak, Trad, Ubon Ratchathani, Udon Thani, Uthai Thani, Uttaradit, Yala, Yasothon | No | Unspecified | - | HE Medium | - | -2-2  -44.44% |
| **Timor Leste** |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Trinidad and Tobago** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Togo** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | - | -3+2  -11.11% |
| **Tokelau** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Tonga** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Tunisia** |  |  |  |  |  |  |
| Kairouan | Yes | Yes | +6 [[173](#_ENREF_173)] | 10 to 14 cases in 2008 | - | 3+6+6  +100% |
| Kasserine | Yes | Yes | +5 [[174](#_ENREF_174)] | 10 to 14 cases in 2008 | - | 3+5+6  +93.33% |
| Zaghouan | Yes | Yes | +6 [[173](#_ENREF_173)] | 5 to 6 cases in 2008 | - | 3+6+2  +73.33% |
| Beja | Yes | Yes | +5 [[174](#_ENREF_174)] | 5 to 6 cases in 2008 | - | 3+5+2  +66.67% |
| Bizerte, Jendouba, Mahdia, Monastir, Nabeul | Yes | Yes | +5 [[174](#_ENREF_174)] | 3 to 4 cases in 2008 | - | 3+5+2  +66.67% |
| Ariana, Ben Arous, Le Kef, Manouba, Sidi Bouz, Siliana, Tunis | Yes | Yes | +5 [[174](#_ENREF_174)] | 1 case in 2008 | - | 3+5+2  +66.67% |
| Sousse | Yes | Yes | +4 [[175](#_ENREF_175)] | 5 to 6 cases in 2008 | - | 3+4+2  +60% |
| Sfax | Yes | Yes | +4 [[175](#_ENREF_175)] | 1 case in 2008 | - | 3+4+2  +60% |
| Tozeur | Yes | No | +5 [[174](#_ENREF_174)] | 1 case in 2008 | - | 0+5+2  +46.67% |
| Gabes | Yes | No | +5 [[174](#_ENREF_174)] | HE Medium | - | 0+5-2  +20% |
| Gafsa, Kebili, Medenine, Tataouine | Yes | No | - | HE Medium | - | 0-2  -22.22% |
| **Turkey** |  |  |  |  |  |  |
| Manisa | Yes | Yes | +6 [[176](#_ENREF_176)] | 2 cases in 2008 | - | 3+6+0  +60% |
| Isparta | Unspecified | Yes | +5 [[177](#_ENREF_177)] | 2 cases in 2008 | - | 2+5+0  +46.67% |
| Antalya | Unspecified | Yes | +5 [[177](#_ENREF_177)] | 1 case in 2008 | - | 2+5+0  +46.67% |
| Zonguldak | Unspecified | Yes | +5 [[178](#_ENREF_178)] | 1 case in 2008 | - | 2+5+0  +46.67% |
| Izmir | Unspecified | Yes | +4 [[179](#_ENREF_179)] | 3 cases in 2008 | - | 2+4+0  +40% |
| Samsun | Unspecified | Yes | +4 [[180](#_ENREF_180)] | 2 cases in 2008 | - | 2+4+0  +40% |
| Aydin | Unspecified | Yes | +6 [[176](#_ENREF_176)] | HE High | - | 2+6-6  +13.33% |
| Hatay, Kars, Kastamonu | Unspecified | Yes | +6 [[181](#_ENREF_181)] | HE High | - | 2+6-6  +13.33% |
| Istanbul | Unspecified | Yes | +5 [[182](#_ENREF_182)] | HE High | - | 2+5-6  +6.67% |
| Kocaeli | Unspecified | Yes | +5 [[183](#_ENREF_183)] | HE High | - | 2+5-6  +6.67% |
| Burdur | Unspecified | Yes | +5 [[177](#_ENREF_177)] | HE High | - | 2+5-6  +6.67% |
| Adana | Unspecified | Yes | +4 [[184](#_ENREF_184)] | HE High | - | 2+4-6  0% |
| Balikesir, Corum, Denizli, Mugla | Unspecified | Yes | +4 [[185](#_ENREF_185)] | HE High | - | 2+4-6  0% |
| Sanliurfa | Unspecified | Yes | +4 [[186](#_ENREF_186)] | HE High | - | 2+4-6  0% |
| Icel | Unspecified | Yes | +3 [[187](#_ENREF_187)] | HE High | - | 2+3-6  -6.67% |
| Trabzon | Unspecified | Yes | +3 [[188](#_ENREF_188)] | HE High | - | 2+3-6  -6.67% |
| Kutahya | Unspecified | No | +6 [[181](#_ENREF_181)] | HE High | - | -2+6-6  -13.33% |
| Karabuk | Unspecified | Yes | +2 [[189](#_ENREF_189)] | HE High | - | 2+2-6  -13.33% |
| Edirne | Unspecified | No | +5 [CNR-L] | HE High | - | -2+5-6  -20% |
| Usak | Unspecified | No | +4 [[185](#_ENREF_185)] | HE High | - | -2+4-6  -26.67% |
| Kayseri, Yozgat | Unspecified | No | +3 [[187](#_ENREF_187)] | HE High | - | -2+3-6  -33.33% |
| Adiyaman, Amasya, Ardahan, Artvin, Bartin, Batman, Bayburt, Bilecik, Bolu, Bursa, Canakkale, Diyarbakir, Erzurum, Gaziantep, Giresun, Gumushane, Hakkari, Kharamanmaras, Karaman, Kilis, Konya, Mardin, Nigde, Ordu, Osmaniye, Rize, Sakarya, Siirt, Sinop, Sirnak, Tokat, Yalova | Unspecified | Yes | - | HE High | - | 2-6  -44.44% |
| Afyon, Agri, Aksaray, Ankara, Bingol, Bitlis, Cankiri, Elazig, Erzincan, Eskisehir, Igdir, Kirikkale, Kirklareli, Kirsehir, Malatya, Mus, Nevsehir, Sivas, Tekirdag, Tunceli, Van | Unspecified | No | - | HE High | - | -2-6  -88.89% |
| **Turkmenistan** |  |  |  |  |  |  |
| Mary, Turkmenistan Territories | Yes | Unspecified | +3 [[190](#_ENREF_190),[191](#_ENREF_191)] | HE Low | - | 2+3+2  +46.67% |
| Chardzhou, Tashauz | Unspecified | Unspecified | - | HE Low | - | 0+2  +22.22% |
| **Turks and Caicos Islands** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Tuvalu** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Uganda** |  |  |  |  |  |  |
| Nakapiripirit | Yes | Unspecified | +5 [[192](#_ENREF_192),[193](#_ENREF_193)] | 200 cases in 2008 | - | 2+5+6  +86.67% |
| Adjumani, Amolatar, Amuria, Apac, Arua, Bugiri, Bukwa, Bundibugyo, Bushenyi, Busia, Butaleja, Gulu, Hoima, Ibanda, Iganga, Isingiro, Jinja, Kaabong, Kabale, Kabarole, Kaberamaido, Kalangala, Kaliro, Kampala, Kamuli, Kamwenge, Kanunga, Kapchorwa, Kasese, Katakwi, Kayunga, Kibaale, Kiboga, Kiruhura, Kisoro, Kitgum, Koboko, Kotido, Kumi, Kyenjojo, Lira, Luweero, Manafwa, Masaka, Masindi, Mayuge, Mbale, Mbarara, Mityana, Moroto, Moyo, Mpigi, Mubende, Mukono, Nakaseke, Nakasongola, Nebbi, Ntungamo, Pader, Pallisa, Rakai, Rukungiri, Sembabule, Sironko, Soroti, Tororo, Wakiso, Yumbe | Unspecified | Unspecified | - | HE Low | - | 0+2  +22.22% |
| **Ukraine** |  |  |  |  |  |  |
| Kiev, Lviv | Unspecified | No |  | 1 case in 2008 | - | -2+2  0% |
| Kharkivskaya, Poltavskaya, Sumskaya | Unspecified | Yes |  | HE Medium | - | 2-2  0% |
| Cherkaskaya, Chernihivskaya, Chernivetskaya, Dnipropetrovskaya, Donetskaya, Ivano-frankivskaya, Khersonskaya, Khmelnytskaya, Kirovohradskaya, Krym, Luhanskaya, Mykolayivskaya, Odesskaya, Rivnenskaya, Ternopilskaya, Vinnytskaya, Volynskaya, Zakarpatskaya, Zaporizskaya, Zhytomyrskaya | Unspecified | No |  | HE Medium | - | -2-2  -44.44% |
| **United Arab Emirates** |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE High | - | -2-6  -88.89% |
| **United Kingdom** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **United States of America** |  |  |  |  |  |  |
| All provinces | No | Unspecified | - | HE High | - | -2-6  -88.89% |
| **Uruguay** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **US Virgin Islands** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Uzbekistan** |  |  |  |  |  |  |
| Namangan | Yes | Yes | +6 [[168](#_ENREF_168)] | 11 cases in 2008 | - | 3+6+6  +100% |
| Jizzakh | Unspecified | Yes | +6 [[168](#_ENREF_168)] | HE Low | - | 2+6+2  +66.67% |
| Andijan, Bukhara, Fergana, Karakalpakstan, Kashkadarya, Khorezm, Navoiy, Samarkand, Sirdarya, Surkhandarya, Tashkent, Tashkent city | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| **Vanuatu** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Vatican City** |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| **Venezuela** |  |  |  |  |  |  |
| Anzoategui | Yes | Yes | +4 [[194](#_ENREF_194)] | 8 cases in 2008 | - | 3+4+6  +86.67% |
| Lara | Yes | Yes | +5 [[195](#_ENREF_195)] | 1 case in 2008 | - | 3+5+0  +53.33% |
| Cojedes | Yes | Yes | +4 [[194](#_ENREF_194)] | 2 cases in 2008 | - | 3+4+0  +46.67% |
| Aragua | Yes | Yes | +4 [[194](#_ENREF_194)] | 1 case in 2008 | - | 3+4+0  +46.67% |
| Nueva Esparta | Yes | No | +5 [[196](#_ENREF_196)] | 2 cases in 2008 | - | 0+5+0  +33.33% |
| Sucre | Unspecified | No | +4 [[194](#_ENREF_194)] | 3 cases in 2008 | - | -2+4+0  +13.33% |
| Carabobo, Guarico, Portuguesa | Yes | Yes | +4 [[194](#_ENREF_194)] | HE High | - | 3+4-6  +6.67% |
| Yaracuy | Unspecified | Yes | +3 [[197](#_ENREF_197)] | HE High | - | 2+3-6  -6.67% |
| Bolivar, Falcon | Yes | No | +4 [[194](#_ENREF_194)] | HE High | - | 0+4-6  -13.33% |
| Monagas | Unspecified | No | - | 1 case in 2008 | - | -2+0  -22.22% |
| Trujillo | Unspecified | No | +4 [[194](#_ENREF_194)] | HE High | - | -2+4-6  -26.67% |
| Miranda | Unspecified | Yes | - | HE High | - | 2-6  -44.44% |
| Distrito Capital | Yes | No | - | HE High | - | 0-6  -66.67% |
| Zulia | No | Yes | - | HE High | - | 0-6  -66.67% |
| Amazonas, Apure, Barinas, Delta Amacuro, Merida, Tachira, Vargas | Unspecified | No | - | HE High | - | -2-6  -88.89% |
| **Vietnam** |  |  |  |  |  |  |
| Quang Ninh | No | No | +3 (LE\_3374) | HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+3+2)-25%  -11.67% |
| An Giang, Ba Ria Vung Tau, Bac Giang, Bac Kan, Bac Lieu, Bac Ninh, Ben Tre, Binh Dinh, Binh Duong, Binh Phuoc, Binh Thuan, Ca Mau, Can Tho, Cao Bang, Da Nang, Dak Lak, Dak Nong, Dien Bien Phu, Dong Nai, Dong Thap, Gia Lai, Ha Giang, Ha Nam, Ha Noi, Ha Tay, Ha Tinh, Hai Duong, Hai Phong, Hau Giang, Ho Chi Minh, Hoa Binh, Hung Yen, Khanh Hoa, Kien Giang, Kon Tum, Lai Chau, Lam Dong, Lang Son, Lao Cai, Long An, Nam Dinh, Nghe An, Ninh Binh, Ninh Thuan, Phu Tho, Phu Yen, Quang Binh, Quang Nam, Quang Ngai, Quang Tri, Soc Trang, Son La, Tay Ninh, Thai Binh, Thai Nguyen, Thanh Hoa, Thua Thien Hue, Tien Giang, Tra Vinh, Tuyen Quang, Vinh Long, Vinh Phuc, Yen Bai | No | No | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| **Wallis and Futuna** |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| **Western Sahara** |  |  |  |  |  |  |
| Saguia El Hamra, Rio de Oro | Unspecified | Unspecified |  | HE Low | - | 0+2  +22.22% |
| **Western Samoa** |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| **Yemen** |  |  |  |  |  |  |
| Taizz | Yes | Yes | +4 [[198](#_ENREF_198)] | Reported cases | - | 3+4+4  +73.33% |
| Ibb, Lahj | Unspecified | Yes | - | Reported cases | - | 2+4  +66.67% |
| Aden | Unspecified | Yes | +5 [[199](#_ENREF_199)] | HE Low | - | 2+5+2  +60% |
| Sadah | Unspecified | Yes | +4 [[200](#_ENREF_200)] | HE Low | - | 2+4+2  +53.33% |
| Sana’a | Unspecified | Yes | +4 [[198](#_ENREF_198)] | HE Low | - | 2+4+2  +53.33% |
| Al Bayda, Al Hudaydah, Amran | Unspecified | Yes | +3 [CNR-L] | HE Low | - | 2+3+2  +46.67% |
| Abyan, Ad Dali, Al Jawf, Al Mahwit, Dhamar, Hadramaut, Hajjah, Marib, Shabwah | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Al Maharah | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Zambia** |  |  |  |  |  |  |
| Eastern | Unspecified | Yes | +3 [[201](#_ENREF_201)] | HE Low | - | 2+3+2  +46.67% |
| Central, Northern, North-Western, Southern, Western | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Copperbelt, Luapula, Lusaka | Unspecified | No | - | HE Low | - | -2+2  0% |
| **Zimbabwe** |  |  |  |  |  |  |
| All provinces | No | No |  | HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| **Other territories** |  |  |  |  |  |  |
| **Arunachal Pradesh** | Unspecified | No | - | No HE Data Available | - | -2-2  -44.44% |
| **Azad Jammu** | Yes | Yes | +3 [[136](#_ENREF_136)] | HE Low | - | 3+3+2  +53.33% |
| **Kashmir** | Yes | Yes | +5 [[202](#_ENREF_202)] | HE Low | - | 3+5+2  +66.67% |
| **Gaza Strip** | Unspecified | Yes | - | No HE Data Available | - | 2-2  0% |
| **West Bank** |  |  |  |  |  |  |
| Al Khalil | Unspecified | Yes | +6 [[203](#_ENREF_203)] | 5 cases in 2009 | - | 2+6+2  +66.67% |
| Jenin | Unspecified | Yes | +4 [[204](#_ENREF_204)] | 1 case in 2009 | - | 2+4+2  +53.33% |
| Salfit | Unspecified | Yes | +3 [CNR-L] | 1 case in 2009 | - | 2+3+2  +46.67% |
| Ramallah | Unspecified | Yes | +2 [[204](#_ENREF_204)] | 2 cases in 2009 | - | 2+2+2  +40% |
| Ariha, Bethlehem, Nablus, Qalqiliya, Tubas, Tulkarm | Unspecified | Yes | +2 [[204](#_ENREF_204)] | No HE Data Available | - | 2+2-2  +13.33% |
| Al Quds | Unspecified | Yes | - | No HE Data Available | - | 2-2  0% |

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