Evidence Consensus for Cutaneous Leishmaniasis

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Country/Province | GIDEON | WHO | Peer-reviewed evidence | Case Data [[1](#_ENREF_1)] | Supplementary evidence | Evidence consensus |
| Afghanistan |  |  |  |  |  |  |
| Kandahar | Yes | Yes | +6 [[2](#_ENREF_2)] | 1501 to 2252 cases in 2008 | - | 3+6+6  +100% |
| Hirat, Parwan | Yes | Yes | - | 301 to 1500 cases in 2008 | - | 3+6  +100% |
| Balkh | Unspecified | Yes | +6 [[2](#_ENREF_2),[3](#_ENREF_3)] | 301 to 1500 cases in 2008 | - | 2+6+6  +93.33% |
| Kunduz | Unspecified | Yes | +6 [[4](#_ENREF_4)] | 301 to 1500 cases in 2008 | - | 2+6+6  +93.33% |
| Logar, Nangarhar | Unspecified | Yes | - | 1501 to 2252 cases in 2008 | - | 2+6  +88.89% |
| Jawzjan, Kapisa, Khost, Wardak | Unspecified | Yes | - | 301 to 1500 cases in 2008 | - | 2+6  +88.89% |
| Baghlan, Faryab, Kunar, Samangan | Unspecified | Yes | - | 1 to 300 cases in 2008 | - | 2+6  +88.89% |
| Kabul | Yes | Yes | +4 [[5](#_ENREF_5)] | 27599 cases in 2008 | - | 3+4+6  +86.67% |
| Badakhshan | Yes | Yes | +3 [ProMED] | 301 to 1500 cases in 2008 | - | 3+3+6  +80% |
| Badghis, Bamyan, Day Kundi, Farah, Ghazni, Ghor, Hilmand, Laghman, Nimroz, Nuristan, Paktika, Paktya, Panjshir, Sari Pul, Takhar, Uruzgan, Zabul | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Albania |  |  |  |  |  |  |
| Durres, Lushnje, Mat, Permet | Unspecified | Yes |  | 1 case in 2008 | - | 2+2  +44.44% |
| Berat, Bulqize, Delvine, Devoll, Diber, Elbasan, Fier, Gjirokaster, Gramsh, Has, Kavaje, Kolonje, Korce, Kruje, Kucove, Kukes, Kurbin, Lezhe, Librazhd, Malesi e Madhe, Mallakaster, Mirdite, Peqin, Pogradec, Puke, Sarande, Shkoder, Skrapar, Tepelene, Tirane, Tropoje, Vlore | Unspecified | Yes |  | HE Medium | - | 2-2  0% |
| Algeria |  |  |  |  |  |  |
| Batna | Yes | Yes | +5 [[6](#_ENREF_6)] | Reported cases in 2008 | - | 3+5+2  +66.67% |
| Ghardaia | Yes | Yes | +5 [[7](#_ENREF_7)] | Reported cases in 2008 | - | 3+5+2  +66.67% |
| Laghouat | Unspecified | Yes | +6 [[7](#_ENREF_7)] | Reported cases in 2008 | - | 2+6+2  +66.67% |
| El Oued | Unspecified | Yes | +5 [[6](#_ENREF_6)] | Reported cases in 2008 | - | 2+5+2  +60% |
| Bechar, Naama, Tiaret | Yes | Yes | - | Reported cases in 2008 | - | 3+2  +55.56% |
| Biskra | Yes | Yes | +3 [[8](#_ENREF_8)] | Reported cases in 2008 | - | 3+3+2  +53.33% |
| M’Sila | Yes | Yes | +3 [[9](#_ENREF_9)] | Reported cases in 2008 | - | 3+3+2  +53.33% |
| Bordj Bou Arrer | Yes | Yes | +6 [[10](#_ENREF_10)] | HE Medium | - | 3+6-2  +46.67% |
| Medea | Unspecified | Yes | +3 [CNR-L] | Reported cases in 2008 | - | 2+3+2  +46.67% |
| Djelfa, El Bayadh, Ouargla, Saida, Tissemsilt | Unspecified | Yes | - | Reported cases in 2008 | - | 2+2  +44.44% |
| Constantine | Unspecified | Yes | +6 [[11](#_ENREF_11)] | HE Medium | - | 2+6-2  +40% |
| Ain Defla, Bouira | Unspecified | Yes | +5 [[12](#_ENREF_12)] | HE Medium | - | 2+5-2  +33.33% |
| Guelma, Khenchela, Mila, Oum El Bouaghi, Setif, Souk Ahras, Tebessa | Unspecified | Yes | +5 [[6](#_ENREF_6)] | HE Medium | - | 2+5-2  +33.33% |
| Alger, Tizi Ouzou | Yes | No | +5 [[12](#_ENREF_12)] | HE Medium | - | 0+5-2  +20% |
| Tlemcen | Yes | Yes | +2 [[13](#_ENREF_13)] | HE Medium | - | 3+2-2  +20% |
| Boumerdes | Unspecified | No | +5 [[12](#_ENREF_12)] | HE Medium | - | -2+5-2  +6.67% |
| Bejaia | Yes | No | +3 [CNR-L] | HE Medium | - | 0+3-2  +6.67% |
| Annaba, El Tarf, Jijel, Skikda | Unspecified | No | +5 [[6](#_ENREF_6)] | HE Medium | - | -2+5-2  +6.67% |
| Tipaza | Unspecified | No | +4 [[14](#_ENREF_14)] | HE Medium | - | -2+4-2  0% |
| Ain Temouchent, Chlef, Mascara, Mostaganem, Oran, Relizane, Sidi Bel Abbes, Tindouf | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Adrar, Blida, Illizi, Tamanrasset | 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 | No | No | - | HE High | - | -3-6  -100% |
| Angola |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| Anguilla |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available. Assumed HE High | - | -3-6  -100% |
| Antarctica |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Antigua and Barbuda |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Argentina |  |  |  |  |  |  |
| Misiones | Yes | Yes | +6 [[15](#_ENREF_15)] | 34 cases in 2009 | - | 3+6+6  +100% |
| Salta | Yes | Yes | +6 [[16](#_ENREF_16)]  +5 [[17](#_ENREF_17)] | 69 cases in 2009 | - | 3+5.5+6  +96.67% |
| Chaco | Yes | Yes | +4 [[18](#_ENREF_18)] | 7 to 12 cases in 2009 | - | 3+4+6  +86.67% |
| Jujuy | Yes | No | +5 [[19](#_ENREF_19)] | 7 to 12 cases in 2009 | - | 0+5+6  +73.33% |
| Tucuman | Unspecified | No | +5 [[20](#_ENREF_20)] | 7 to 12 cases in 2009 | - | -2+5+6  +60% |
| Corrientes | Yes | Yes | +4 [[21](#_ENREF_21)] | 1 to 2 cases in 2009 | - | 3+4+0  +46.67% |
| Santiago del Estero | Yes | Yes | +3 [[22](#_ENREF_22)] | 1 to 2 cases in 2009 | - | 3+3+0  +40% |
| Formosa | Unspecified | Yes | +4 [[23](#_ENREF_23)]  +3 [[24](#_ENREF_24)] | 1 to 2 cases in 2009 | - | 2+3.5+0  +36.67% |
| Cordoba, Santa Fe | Unspecified | No | +5 [[25](#_ENREF_25)] | HE High | - | -2+5-6  -20% |
| Catamarca | Yes | No | - | HE High | - | 0-6  -66.67% |
| Buenos Aires City, Buenos Aires Province, Chubut, Entre Rios, La Pampa, La Rioja, Mendoza, Neuquen, Rio Negro, San Juan, San Luis, Santa Cruz, Santa Fe, Tierra Del Fuego | Unspecified | No | - | HE High |  | -2-6  -88.89% |
| Armenia |  |  |  |  |  |  |
| All provinces | 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 |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Azerbaijan |  |  |  |  |  |  |
| Baku | Yes | Unspecified | +3 [CNR-L] | 4 cases in 2008 | - | 2+3+2  +46.67% |
| Ofuz | Unspecified | Unspecified | - | 3 cases in 2008 | - | 0+2  +22.22% |
| Barda | Unspecified | Unspecified | - | 2 cases in 2008 | - | 0+2  +22.22% |
| Agdjabedi, Gandja, Geoktchay, Masaly, Zardob | Unspecified | Unspecified | - | 1 case in 2008 | - | 0+2  +22.22% |
| Agdach, Agdam, Akstafa, Aksu, Ali Bajramly, Apcheron, Astara, Bebek, Bejladjan, Belokany, Bilesuvar, Chakhbuz, Chamkhor, Cheki, Chemakha, Cherur, Dachkestan, Divitchi, Djalilabad, Djebrail, Djulfa, Djulfa City, Evlakh, Fizuli, Gabela, Gakh, Geranboy, Gobustan, Gusar, Imichli, Ismaily, Kazakh, Kedabek, Kelbadjar, Khadjikabul, Khanlar, Khatchmas, Khyzy, Kuba, Kubatly, Kurdamir, Latchin, Lenkoran, Lerik, Mingetchaur, Naftalan, Nagorno-karabakh, Nakhitchevan, Neftetchala, Ordubad, Ordubad City, Saatly, Sabirobad, Salyany, Samukh, Sederek, Siyasan, Sumgait, Tartar, Tauz, Utchar, Yardamly, Yvlakh, Zakatala, Zangelan | Unspecified | Unspecified | - | HE Medium | - | 0-2  -22.22% |
| Bahamas |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Bahrain |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Bangladesh |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | - | -3+2  -11.11% |
| Barbados |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Belarus |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| Belgium |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Belize |  |  |  |  |  |  |
| All provinces | Unspecified | Yes | +6 [[26](#_ENREF_26)]  +5 [[27](#_ENREF_27)] | Reported cases | - | 2+5.5+2  +63.33% |
| Benin |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (-2+2)-25%  -25% |
| Bermuda |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| Bhutan |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| Bolivia |  |  |  |  |  |  |
| Beni | Yes | Yes | +6 [[28](#_ENREF_28)] | 662 to 1470 cases in 2008 | - | 3+6+6  +100% |
| Cochabamba | Unspecified | Yes | +6 [[29](#_ENREF_29)] | 318 to 370 cases in 2008 | - | 2+6+6  +93.33% |
| La Paz | Yes | Yes | +5 [[30](#_ENREF_30)] | 662 to 1470 cases in 2008 | - | 3+5+6  +93.33% |
| Santa Cruz | Unspecified | Yes | +6 [[31](#_ENREF_31)] | 33 to 37 cases in 2008 | - | 2+6+6  +93.33% |
| Tarija | Unspecified | Yes | - | 33 to 37 cases in 2008 | - | 2+6  +88.89% |
| Pando | Yes | Yes | +4 [[32](#_ENREF_32)] | 318 to 370 cases in 2008 | - | 3+4+6  +86.67% |
| Potosi | Unspecified | Yes | +5 [[33](#_ENREF_33)] | 4 to 9 cases in 2008 | - | 2+5+4  +73.33% |
| Chuquisaca, Oruro | Unspecified | Yes | - | 4 to 9 cases in 2008 | - | 2+4  +66.67% |
| Bosnia and Hercegovina |  |  |  |  |  |  |
| Federacija Bosne I Hercegovine | No | Yes |  | 1 reported case in 2004 | - | 0+0  0% |
| Republika Srpska | No | Yes |  | HE High | - | 0-6  -66.67% |
| 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 |  |  |  |  |  |  |
| Acre, Para, Rondonia | Yes | Yes | +6 [[34](#_ENREF_34)] | SINAN | - | 3+6+6  +100%  3+6-6  +20% |
| Amazonas | Yes | Yes | +6 [[35](#_ENREF_35)] | SINAN | - | 3+6+6  +100%  3+6-6  +20% |
| Parana | Yes | Yes | +6 [[36](#_ENREF_36)] | SINAN | - | 3+6+6  +100%  3+6-6  +20% |
| Pernambuco | Yes | Yes | +6 [[37](#_ENREF_37)] | SINAN | - | 3+6+6  +100%  3+6-6  +20% |
| Sao Paulo | Yes | Yes | +6 [[38](#_ENREF_38)] | SINAN | - | 3+6+6  +100%  3+6-6  +20% |
| Paraiba, Piaui, Rio Grande do Norte, Roraima, Sergipe, Tocantins | Yes | Yes | - | SINAN | - | 3+6  +100%  3-6  -33.33% |
| Bahia | Yes | Yes | +6 [[39](#_ENREF_39)]  +5 [[40](#_ENREF_40)] | SINAN | - | 3+5.5+6  +96.67%  3+5.5-6  +16.67% |
| Alagoas | Yes | Yes | +5 [[41](#_ENREF_41)] | SINAN | - | 3+5+6  +93.33%  3+5-6  +13.33% |
| Ceara | Yes | Yes | +5 [[42](#_ENREF_42)] | SINAN | - | 3+5+6  +93.33%  3+5-6  +13.33% |
| Mato Grosso | Yes | Yes | +5 [[43](#_ENREF_43)] | SINAN | - | 3+5+6  +93.33%  3+5-6  +13.33% |
| Minas Gerais | Yes | Yes | +5 [[44](#_ENREF_44)] | SINAN | - | 3+5+6  +93.33%  3+5-6  +13.33% |
| Rio De Janeiro | Yes | Yes | +5 [[45](#_ENREF_45)] | SINAN | - | 3+5+6  +93.33%  3+5-6  +13.33% |
| Santa Catarina | Yes | Yes | +5 [[46](#_ENREF_46)] | SINAN | - | 3+5+6  +93.33%  3+5-6  +13.33% |
| Amapa | Yes | Yes | +3 [[47](#_ENREF_47)] | SINAN | - | 3+3+6  +80%  3+3-6  0% |
| Goias | Yes | Yes | +3 [[48](#_ENREF_48)] | SINAN | - | 3+3+6  +80%  3+3-6  0% |
| Maranhao | Yes | Yes | +3 [[49](#_ENREF_49)] | SINAN | - | 3+3+6  +80%  3+3-6  0% |
| Mato Grosso do Sul | No | Yes | +6 [[50](#_ENREF_50)]  +5 [[51](#_ENREF_51)] | SINAN | - | 0+5.5+6  +76.67%  0+5.5-6  -3.33% |
| Distrito Federal | No | Yes | +5 [[52](#_ENREF_52)] | SINAN | - | 0+5+6  +73.33%  0+5-6  -6.67% |
| Espirito Santo | No | Yes | +5 [[53](#_ENREF_53)] | SINAN | - | 0+5+6  +73.33%  0+5-6  -6.67% |
| Rio Grande do Sul | No | Yes | - | SINAN | - | 0+6  +66.67%  0-6  -66.67% |
| 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, Haskovo, Jambol, Kradzhali, Kustendil, Pazardzhik, Pernik, Plovdiv, Smoljan, Sofia, Sofia City, Stara Zagora | Unspecified | Yes |  | HE Medium | - | 2-2  0% |
| Burgas, Dobrich, Gabrovo, Lovech, Montana, Pleven, Razgrad, Ruse, Shumen, Silistra, Sliven, Targovishte, Varna, Veliko Tarnovo, Vidin, Vratca | Unspecified | No |  | HE Medium | - | -2-2  -44.44% |
| Burkina Faso |  |  |  |  |  |  |
| Centre | Yes | Yes | +4 [[54](#_ENREF_54)] | Reported cases | - | 3+4+4  +73.33% |
| Nord | Yes | Yes | +5 [CNR-L] | HE Low | - | 3+5+2  +66.67% |
| Boucle Du Mouhoun, Cascades, Centre-est, Centre-nord, Centre-ouest, Centre-sud, Est, Hauts-bassins, Plateau Central, Sud-ouest | Yes | Yes | - | HE Low | - | 3+2  +55.56% |
| Sahel | Yes | Yes | +3 [[55](#_ENREF_55)] | HE Low | - | 3+3+2  +53.33% |
| 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 | Yes | +6 [[56](#_ENREF_56)] | 148 cases in 2008 | - | 3+6+6  +100% |
| Centre | Unspecified | No | +4 [[57](#_ENREF_57)] | HE Low | - | -2+4+2  +26.67% |
| Nord | Unspecified | No | - | 1 case in 2008 | - | -2+4  +22.22% |
| Adamaoua, Est, Littoral, Nord-Ouest, Ouest, Sud, Sud-Ouest | Unspecified | No | - | HE Low | - | -2+2  0% |
| 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 |  |  |  |  |  |  |
| Lobaye, Mambere-kadei, Nana Mambere, Ombella-mpoko, Ouham, Ouham-pende, Sangha Mbaere | Yes | No | - | HE Low | - | 0+2  +22.22% |
| Vakaga | No | No | - | 1 case in 2009 | - | -3+4  +11.11% |
| Bamingui-bangora, Bangui, Basse Kotto, Haut-mboumou, Hautte-kotto, Kemo, Mbomou, Nana Grebizi, Ouaka | No | No | - | HE Low | - | -3+2  -11.11% |
| Chad |  |  |  |  |  |  |
| Assongha | Yes | No |  | 200+ cases in 2007 |  | 0+6  +66.67% |
| Baguirmi, Hadjer Lamis, Lac, Mayo-Boneye | No | Yes |  | Sporadic cases | - | 0+4  +44.44% |
| Salamat | Yes | No | +4 [[58](#_ENREF_58)] | HE Low | - | 0+4+2  +40% |
| Kanem | No | Yes |  | HE Low | - | 0+2  +22.22% |
| Batha Est, Biltine, Ouaddai, Sila | Yes | No |  | HE Low | - | 0+2  +22.22% |
| Barh Koh, Lac Iro, Mandoul, Tandjile Est | No | No |  | Sporadic cases | - | -3+4  +11.11% |
| Barl El Gazal, Batha Ouest, Borkou, Daraba, Ennedi, Guera, Kabia, Logone Occidental, Logone Oriental, Mayo-Dala, Mont de Lam, 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 | +4 [[59](#_ENREF_59)] | Reported cases | - | 3+4+2  +60% |
| Chongqing Shi, Gansu Sheng, Hubei Sheng, Nei Mongol Zizhiqu, Shaanxi Sheng, Sichuan Sheng, Xizang Zizhiqu | No | Yes | - | HE Medium | - | 0-2  -22.22% |
| Anhui Sheng, Beijing Shi, Fujian Sheng, Guangdong Sheng, Guangxi Zhuangzu Zizhiqu, Guizhou Sheng, Hainan Sheng, Hebei Sheng, Heilongjiang Sheng, Henan Sheng, Hunan Sheng, Jiangsu Sheng, Jiangxi Sheng, Jilin Sheng, Liaoning Sheng, Ningxia Huizu Zizhiqu, Qinghai Sheng, Shandong Sheng, Shanghai Shi, Shanxi Sheng, 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 |  |  |  |  |  |  |
| Valle Del Cauca | Unspecified | Yes | +6 [[60](#_ENREF_60)] | 258 to 819 cases in 2008 | - | 2+6+6  +93.33% |
| Sucre | Unspecified | Yes | +6 [[61](#_ENREF_61)] | 89 to 199 cases in 2008 | - | 2+6+6  +93.33% |
| Guaviare | Unspecified | Yes | - | 258 to 819 cases in 2008 | - | 2+6  +88.89% |
| Amazonas, Arauca, Guainia, Guajira, Vaupes, Vichada | Unspecified | Yes | - | 4 to 35 cases in 2008 | - | 2+6  +88.89% |
| Antioquia, Caqueta, Meta | Unspecified | Yes | +5 [[62](#_ENREF_62)] | 1111 to 1803 cases in 2008 | - | 2+5+6  +86.67% |
| Bolivar, Cundinamarca, Santander, Tolima | Unspecified | Yes | +5 [[62](#_ENREF_62)] | 258 to 819 cases in 2008 | - | 2+5+6  +86.67% |
| Boyaca, Caldas, Choco, Cordoba, Risaralda | Unspecified | Yes | +5 [[62](#_ENREF_62)] | 89 to 199 cases in 2008 | - | 2+5+6  +86.67% |
| Casanare, Cauca, Huila | Unspecified | Yes | +5 [[62](#_ENREF_62)] | 4 to 35 cases in 2008 | - | 2+5+6  +86.67% |
| Narino | Unspecified | Yes | +4 [[63](#_ENREF_63)] | 258 to 819 cases in 2008 | - | 2+4+6  +80% |
| Norte de Santander | Unspecified | Yes | +4 [[64](#_ENREF_64)] | 258 to 819 cases in 2008 | - | 2+4+6  +80% |
| Cesar | Unspecified | Yes | +4 [[65](#_ENREF_65)] | 4 to 35 cases in 2008 | - | 2+4+6  +80% |
| Magdalena | Unspecified | Yes | +4 [[66](#_ENREF_66)] | 4 to 35 cases in 2008 | - | 2+4+6  +80% |
| Putumayo | Unspecified | Yes | +3 [CNR-L] | 258 to 819 cases in 2008 | - | 2+3+6  +73.33% |
| Atlantico | Unspecified | Yes | +3 [CNR-L] | HE Medium | - | 2+3-2  +20% |
| Buenaventura, Quindio, San Andres y Providencia | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Comoros |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| Congo, Democratic Republic of |  |  |  |  |  |  |
| Kasai-Occidental, Katanga | No | Unspecified | - | Reported cases | - | -2+4  +22.22% |
| Bandundu, Bas-Congo, Equateur, Kasai-Oriental, Kinshasa, Maniema, Nord-Kivu, Province Orientale, Sud-Kivu | No | Unspecified | - | HE Low | - | -2+2  0% |
| Congo, Republic of |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| Cook Islands |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| Costa Rica |  |  |  |  |  |  |
| Alajuela, Limon, Puntarenas, San Jose | Yes | Yes | +3 [[67](#_ENREF_67),[68](#_ENREF_68)] | Many reported cases | - | 3+3+6  +80% |
| Cartago, Heredia | Unspecified | Yes | +3 [[67](#_ENREF_67)] | Many reported cases | - | 2+3+6  +73.33% |
| Guanacaste | Yes | Yes | +4 [[69](#_ENREF_69)] | HE High | - | 3+4-6  +6.67% |
| Côte d’Ivoire |  |  |  |  |  |  |
| Bas Sassandra | Unspecified | Unspecified | +5 [CNR-L] | Reported cases | - | 0+5+4  +60% |
| 18 Montagnes, Lagunes, N’zi Comoe, Vallee Du Bandama, Zanzan | Unspecified | Unspecified | - | Reported cases | - | 0+4  +44.44% |
| Agneby, Bafing, Denguele, Fromager, Haut-sassandra, Lacs, Marahoue, Moyen Comoe, Moyen-cavally, Savanes, Sud Bandama, Sud Comoe, Worodougou | Unspecified | Unspecified | - | HE Low | - | 0+2  +22.22% |
| Croatia |  |  |  |  |  |  |
| Split-Dalmatija | Unspecified | Yes | +3 [[70](#_ENREF_70)] | HE High | - | 2+3-6  -6.67% |
| Dubrovnik-neretva, Istra, Karlovac, Lika-senj, Primorje-gorski Kota, Sibenik, Zadar-knin | Unspecified | Yes |  | HE High | - | 2-6  -44.44% |
| Bjelovar-bilogora, Grad Zagreb, Koprivnica-krizevci, Krapina-zagorje, Medimurje, Osijek-baranja, Pozega-slavonija, Sisak-moslavina, Slavonski Brod-posav, Varazdin, Virovitica-podravina, Vukovar-srijem, Zagreb | Unspecified | No |  | HE High |  | -2-6  -88.89% |
| Cuba |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Cyprus |  |  |  |  |  |  |
| Paphos | No | Unspecified | +6 [[71](#_ENREF_71)] | 3 cases in 2006 | - | -2+6+0  +26.67% |
| Nicosia | No | Unspecified | +5 [CNR-L] | 1 case in 2006 | - | -2+5+0  +20% |
| Famgusta, Kyrenia, Larnaca, Limassol | 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 |  |  |  |  |  |  |
| Tadjourah | Unspecified | Unspecified | - | Reported cases | - | 0+4  +44.44% |
| Ali Sabieh, Dikhil, Djibouti, Obock | Unspecified | Unspecified | - | HE Low | - | 0+2  +22.22% |
| Dominica |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| Dominican Republic |  |  |  |  |  |  |
| El Seibo | Unspecified | Unspecified | +3 [CNR-L] | Reported cases | - | 0+3+2  +33.33% |
| La Altagracia, Sanchez Ramirez | Unspecified | Unspecified | - | Reported cases | - | 0+2  +22.22% |
| Santo Domingo | Unspecified | Unspecified | +3 [[72](#_ENREF_72)] | HE Medium | - | 0+3-2  +6.67% |
| Azua, Baoruco, Barahona, Dajabon, Distrito Nacional, Duarte, Elias Pina, Espaillat, Hato Mayor, Independencia, La Romana, La Vega, Maria Trinidad Sanches, Monsenor Nouel, Monte Cristi, Monte Plata, Pedernales, Peravia, Puerto Plata, Salcedo, Samana, San Cristobal, San Jose de Ocoa, San Juan, San Pedro de Macoris, Santiago, Santiago Rodriguez, Valverde | Unspecified | Unspecified | - | HE Medium | - | 0-2  -22.22% |
| Ecuador |  |  |  |  |  |  |
| Morona Santiago | Yes | Yes | - | 74 to 145 cases in 2008 | - | 3+6  +100% |
| Canar | Yes | Yes | - | 1 to 46 cases in 2008 | - | 3+6  +100% |
| Pichincha | Yes | Yes | +5 [[73](#_ENREF_73)] | 393 cases in 2008 | - | 3+5+6  +93.33% |
| Esmeraldas | Yes | Yes | +5 [[74](#_ENREF_74)] | 241 cases in 2008 | - | 3+5+6  +93.33% |
| Manabi | Yes | Yes | +5 [[75](#_ENREF_75)] | 74 to 145 cases in 2008 | - | 3+5+6  +93.33% |
| Napo | Yes | Yes | +5 [[73](#_ENREF_73)] | 1 to 46 cases in 2008 | - | 3+5+6  +93.33% |
| Bolivar, Los Rios | Yes | Yes | +4 [[76](#_ENREF_76)] | 74 to 145 cases in 2008 | - | 3+4+6  +86.67% |
| Azuay, Pastaza | Yes | Yes | +4 [[76](#_ENREF_76)] | 1 to 46 cases in 2008 | - | 3+4+6  +86.67% |
| Guayas | Yes | Yes | +3 [[77](#_ENREF_77)] | 1 to 46 cases in 2008 | - | 3+3+6  +80% |
| Sucumbios | No | Yes | +5 [[73](#_ENREF_73)] | 74 to 145 cases in 2008 | - | 0+5+6  +73.33% |
| Chimborazo, Cotopaxi | No | Yes | +5 [[74](#_ENREF_74)] | 1 to 46 cases in 2008 | - | 0+5+6  +73.33% |
| Orellana | No | Yes | +4 [[76](#_ENREF_76),[78](#_ENREF_78)] | 74 to 145 cases in 2008 | - | 0+4+6  +66.67% |
| Loja | Yes | No | +4 [[79](#_ENREF_79)] | 1 to 46 cases in 2008 | - | 0+4+6  +66.67% |
| Zamora Chinchipe | Yes | No | +4 [[80](#_ENREF_80)] | 1 to 46 cases in 2008 | - | 0+4+6  +66.67% |
| Imbabura | No | Yes | +4 [[76](#_ENREF_76)] | 1 to 46 cases in 2008 | - | 0+4+6  +66.67% |
| Carchi | No | Yes | - | 1 to 46 cases in 2008 | - | 0+6  +66.67% |
| El Oro | Yes | No | - | 1 to 46 cases in 2008 | - | 0+6  +66.67% |
| Tungurahua | No | Yes | - | HE Medium |  | 0-2  -22.22% |
| Galapagos | No | No | - | HE Medium | - | -3-2  -55.56% |
| Egypt |  |  |  |  |  |  |
| Shamal Sina | Yes | Yes | +6 [[81](#_ENREF_81)] | 471 cases in 2008 | - | 3+6+6  +100% |
| Al Qahirah | Unspecified | Yes | +6 [[82](#_ENREF_82)] | HE Low | - | 2+6+2  +66.67% |
| Al Minufiyah | Unspecified | Yes | +4 [[83](#_ENREF_83)] | HE Low | - | 2+4+2  +53.33% |
| Janub Sina | Unspecified | Yes | +4 [[84](#_ENREF_84)] | HE Low | - | 2+4+2  +53.33% |
| Al Daqahliyah, Al Qalyubiyah | Unspecified | Yes | +3 [[85](#_ENREF_85)] | HE Low | - | 2+3+2  +46.67% |
| Al Buhayrah, Al Fayyum, Al Gharbiyah, Al Iskandariyah, Al Jizah, As Ismailiyah, As Suways, Ash Sharqiyah, Bur Said, Dumyat, Kafr el Sheikh, Matruh | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Al Bahr, Al Minya, Al Wadi, Aswan, Asyiut, Beni Suwayf, Qina, Suhaj | Unspecified | No | - | HE Low | - | -2+2  0% |
| El Salvador |  |  |  |  |  |  |
| San Salvador | Unspecified | Yes | +3 [[86](#_ENREF_86)] | Reported cases | - | 2+3+2  +46.67% |
| Cabanas, San Miguel, San Vicente, Usulutan | Unspecified | Yes | - | Reported cases | - | 2+2  +44.44% |
| Chalatenango | Unspecified | Yes | +3 [[86](#_ENREF_86)] | HE Medium | - | 2+3-2  +20% |
| Santa Ana, Sonsonate | Unspecified | Yes | +3 [[87](#_ENREF_87)] | HE Medium | - | 2+3-2  +20% |
| Ahuachapan, Cuscatlan, La Libertad, La Paz, La Union, Morazan | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Equatorial Guinea |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Eritrea |  |  |  |  |  |  |
| Maekel | Unspecified | Unspecified | +6 [[88](#_ENREF_88)] | Reported cases in 2008 | - | 0+6+4  +66.67% |
| Anseba, Archipelagos, Debub, Gash Barka, Semenawi Keih Bahri | Unspecified | Unspecified | - | Reported cases in 2008 | - | 0+4  +44.44% |
| Debubawi Keih Bahri | Unspecified | Unspecified | - | HE Low | - | 0+2  +22.22% |
| Estonia |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Ethiopia |  |  |  |  |  |  |
| Addis Ababa | Yes | Yes | +6 [[89](#_ENREF_89)] | 400 cases a year on average | - | 3+6+6  +100% |
| Oromia | Yes | Yes | +4 [[90](#_ENREF_90)] | 120 cases a year on average | - | 3+4+6  +86.67% |
| Amhara | Yes | Yes | +4 [[90](#_ENREF_90)] | 100 cases a year on average | - | 3+4+6  +86.67% |
| Tigray | Yes | No | +5 [[91](#_ENREF_91)] | 120 cases a year on average | - | 0+5+6  +73.33% |
| SNNP | Yes | Yes | +6 [[92](#_ENREF_92)] | HE Low | - | 3+6+2  +73.33% |
| Benishangul Gumuz, Gambella | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Afar | Yes | No | - | HE Low | - | 0+2  +22.22% |
| Somali | Unspecified | No | +3 [CNR-L] | HE Low | - | -2+3+2  +20% |
| Dire Dawa, Harari | Unspecified | No | - | HE Low | - | -2+2  0% |
| Faroe Islands |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available. Assumed HE High | - | -3-6  -100% |
| Federated States of Micronesia |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| Fiji |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| Finland |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| France |  |  |  |  |  |  |
| Provence-Alpes-Cote-d’Azur | Yes | Yes | +4 [[93](#_ENREF_93)] | 3 cases in 2008 | - | 3+4+0  +46.67% |
| Corse | Yes | No | +3 [[94](#_ENREF_94)] | 1 case in 2008 | - | 0+3+0  +20% |
| Languedoc-Rousillon | Yes | Yes | +5 [[95](#_ENREF_95)] | HE High | - | 3+5-6  +13.33% |
| Aquitaine | Unspecified | Yes | +5 [CNR-L] | HE High | - | 2+5-6  +6.67% |
| Midi-Pyrenees | Yes | Yes | +4 [CNR-L] | HE High | - | 3+4-6  +6.67% |
| Franche-Comte | No | No | +6 [[96](#_ENREF_96)] | HE High | - | -3+6-6  -20% |
| Rhone-Alpes | No | No | +5 [CNR-L] | HE High | - | -3+5-6  -26.67% |
| Auvergne | No | No | +2 [[97](#_ENREF_97)] | HE High | - | -3+2-6  -46.67% |
| Alsace, Basse-Normandie, Bourgogne, Bretagne, Centre, Champagne-Ardenne, Haute-Normandie, Ile-de-France, Limousin, Lorraine, Nord-Pas-de-Calais, Pays-de-la-Loire, Picardie, Poitou-Charentes | No | No |  | HE High |  | -3-6  -100% |
| French Guiana |  |  |  |  |  |  |
| All provinces | Yes | Yes | +6 [[98](#_ENREF_98)] | 169 cases in 2008 | - | 3+6+6  +100% |
| French Polynesia |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| Gabon |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| Gambia, The |  |  |  |  |  |  |
| Banjul, Kombo Saint Mary, Western | Unspecified | Yes | +3 [[99](#_ENREF_99)] | HE Low | - | 2+3+2  +46.67% |
| Central River, Lower River, Upper River | Unspecified | Yes |  | HE Low | - | 2+2  +44.44% |
| North Bank | Unspecified | Yes | +2 [[100](#_ENREF_100)] | HE Low | - | 2+2+2  +40% |
| Georgia |  |  |  |  |  |  |
| Mtskheta-Mtianeti, Shida Kartli | Unspecified | Yes |  | 1 case in 2008 | - | 2+2  +44.44% |
| Tbilisi | Unspecified | Yes | +4 [ProMED] | HE Medium | - | 2+4-2  +26.67% |
| Imereti, Kakheti, Kvemo Kartli, Racha Lechkhumi and Kvemo Svaneti, Samtskhe-Javakheti | Unspecified | Yes |  | HE Medium | - | 2-2  0% |
| Abkhazia, Adjara, Guria, Samergelo and Zemo Svaneti | Unspecified | No |  | HE Medium | - | -2-2  -44.44% |
| Germany |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Ghana |  |  |  |  |  |  |
| Volta | Yes | No | +6 [[101](#_ENREF_101)] | 17 cases in 2008 | - | 0+6+6  +80% |
| Northern, Upper East, Upper West | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Brong Ahafo | Unspecified | No | +5 [[102](#_ENREF_102)] | HE Low | - | -2+5+2  +33.33% |
| Ashanti, Central, Eastern, Greater Accra, Western | Unspecified | No | - | HE Low | - | -2+2  0% |
| Gibraltar |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Greece |  |  |  |  |  |  |
| Kriti | Yes | Yes | +6 [[103](#_ENREF_103)] | 2 cases in 2008 |  | 3+6+0  +60% |
| Attiki | Yes | Yes | +3 [[104](#_ENREF_104)] | 3 cases in 2008 | - | 3+0  +40% |
| Peloponnisos | Yes | Yes | +6 [[105](#_ENREF_105)] | HE High | - | 3+6-6  +20% |
| Anatoliki Makedonia Kai Thraki, Dytiki Makedonia, Kentriki Makedonia | Unspecified | Yes | +6 [[106](#_ENREF_106)] | HE High | - | 2+6-6  +13.33% |
| Sterea Ellada | Yes | Yes | +3 [[107](#_ENREF_107)] | HE High | - | 3+3-6  0% |
| Ionioi Nisoi | Unspecified | Yes | +3 [[107](#_ENREF_107)] | HE High | - | 2+3-6  -6.67% |
| Dytiki Ellada | Yes | Yes |  | HE High | - | 3-6  -33.33% |
| Ipeiros, Notio Aigaio, Thessalia, Voreio Aigaio | Unspecified | Yes |  | HE High | - | 2-6  -44.44% |
| 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 [[108](#_ENREF_108)] | No HE Data Available | - | -3+3-2  -13.33% |
| Guam |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| Guatemala |  |  |  |  |  |  |
| Peten | Yes | Yes | +6 [[109](#_ENREF_109)] | 108 to 140 cases in 2007 | - | 3+6+6  +100% |
| Quiche | Yes | Yes | - | 20 cases in 2007 | - | 3+6  +100% |
| Alta Verapaz | Yes | Yes | +3 [[110](#_ENREF_110)] | 108 to 140 cases in 2007 | - | 3+3+6  +80% |
| Izabal | Yes | Yes | - | 7 cases in 2007 | - | 3+2  +55.56% |
| Baja Verapaz, Jalapa | Unspecified | Yes | - | 1 to 3 cases in 2007 | - | 2+2  +44.44% |
| Huehetenango | Yes | Yes | - | HE Medium | - | 3-2  +11.11% |
| Chimaltenango, Chiquimula, El Progreso, Escuintla, Guatemala, Jutiapa, Quetzaltenango, Retalhulehu, Sacatepequez, San Marcos, Santa Rosa, Solola, Suchitepequez, Totonicapan, Zacapa | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Guinea |  |  |  |  |  |  |
| Boke, Labe | Yes | Yes | - | HE Low | - | 3+2  +55.56% |
| Faranah, Kankan | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Kindia, Mamou | Yes | No | - | HE Low | - | 0+2  +22.22% |
| Conakry, N’Zerekore | Unspecified | No | - | HE Low | - | -2+2  0% |
| Guinea-Bissau |  |  |  |  |  |  |
| All provinces | No | Unspecified | - | HE Low | - | -2+2  0% |
| Guyana |  |  |  |  |  |  |
| Regions 7, 8, 9, 10 | Yes | Yes | +4 [[111](#_ENREF_111)] | Reported cases | - | 3+4+2  +60% |
| Region 1 | Yes | Yes | - | Reported cases | - | 3+2  +55.56% |
| Regions 3, 6 | Yes | Yes | +4 [[111](#_ENREF_111)] | HE Medium | - | 3+4-2  +33.33% |
| Regions 2,4,5 | No | Yes | - | HE Medium | - | 0-2  -22.22% |
| Haiti |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | - | -3+2  -11.11% |
| Honduras |  |  |  |  |  |  |
| Francisco Morazan | Unspecified | Yes | - | 126 to 146 cases in 2008 | - | 2+6  +88.89% |
| Cortes | Unspecified | Yes | - | 41 to 46 cases in 2008 | - | 2+6  +88.89% |
| Atlantida | Unspecified | Yes | - | 17 to 19 cases in 2008 | - | 2+6  +88.89% |
| Choluteca | Unspecified | Yes | +5 [[112](#_ENREF_112)] | 126 to 146 cases in 2008 | - | 2+5+6  +86.67% |
| Olancho | Yes | Yes | +3 [[68](#_ENREF_68)] | 85 cases in 2008 | - | 3+3+6  +80% |
| Paraiso, Santa Barbara | Yes | Yes | +3 [[68](#_ENREF_68)] | 41 to 46 cases in 2008 | - | 3+3+6  +80% |
| Yoro | Yes | Yes | +3 [[68](#_ENREF_68)] | 17 to 19 cases in 2008 | - | 3+3+6  +80% |
| Valle | Unspecified | Yes | +3 [[113](#_ENREF_113)] | 126 to 146 cases in 2008 | - | 2+3+6  +73.33% |
| Colon, Comayagua, Copan, Gracias a Dios, Intibuca, Islas de Bahia, La Paz, Lempira, Ocotepeque | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Hong Kong |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Hungary |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Iceland |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| India |  |  |  |  |  |  |
| Rajasthan | Yes | Yes | +6 [[114](#_ENREF_114)] | Reported cases | - | 3+6+4  +86.67% |
| Kerala | Yes | No | +5 [[115](#_ENREF_115)] | Reported cases | - | 0+5+4  +60% |
| Haryana, Punjab | Yes | Yes | +3 [ProMED] | HE Low | - | 3+3+2  +53.33% |
| Gujarat | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Uttarakhand | Unspecified | No | +6 [[116](#_ENREF_116)] | HE Low | - | -2+6+2  +40% |
| Himachal Pradesh | Unspecified | No | +5 [[117](#_ENREF_117),[118](#_ENREF_118)] | HE Low | - | -2+5+2  +33.33% |
| Assam | Unspecified | No | +3 [[119](#_ENREF_119)] | HE Low | - | -2+3+2  +20% |
| Bihar, Delhi, Madhya Pradesh, Maharashtra, Uttar Pradesh, West Bengal | Unspecified | No | - | HE Low | - | -2+2  0% |
| Andaman and Nicobar, Andhra Pradesh, Chandigarh, Chhattisgarh, Dadra and Nagar Haveli, Goa, Jharkhand, Karnataka, Lakshadweep, Manipur, Meghalaya, Mizoram, Nagaland, Orissa, Sikkim, Tamil Nadu, Tripura | Unspecified | No | - | HE Low | No evidence of reservoir or vector presence  -25% | (-2+2)-25%  -25% |
| Indonesia |  |  |  |  |  |  |
| All provinces | No | No |  | HE Low | No evidence of reservoir or vector presence  -25% | (-3+2)-25%  -36.11% |
| Iran |  |  |  |  |  |  |
| Fars, Khorasan | Yes | Yes | +6 [[120](#_ENREF_120)] | 2562 to 5244 cases in 2008 | - | 3+6+6  +100% |
| Kerman | Yes | Yes | +6 [[121](#_ENREF_121)] | 2562 to 5244 cases in 2008 | - | 3+6+6  +100% |
| Khuzestan | Yes | Yes | +6 [[120](#_ENREF_120)] | 309 to 1323 cases in 2008 | - | 3+6+6  +100% |
| Sistan-o baluchestan | Yes | Yes | +6 [[122](#_ENREF_122)] | 309 to 1323 cases in 2008 | - | 3+6+6  +100% |
| East Azarbayejan | Yes | Yes | - | 35 to 125 cases in 2008 | - | 3+6  +100% |
| Esfahan | Unspecified | Yes | +6 [[120](#_ENREF_120)] | 2562 to 5244 cases in 2008 | - | 2+6+6  +93.33% |
| Ilam, Yazd | Unspecified | Yes | +6 [[120](#_ENREF_120)] | 309 to 1323 cases in 2008 | - | 2+6+6  +93.33% |
| Tehran | Unspecified | Yes | +6 [[120](#_ENREF_120)] | 155 to 662 cases in 2008 | - | 2+6+6  +93.33% |
| Kermanshah | Unspecified | Yes | +6 [[123](#_ENREF_123)] | 69 to 250 cases in 2008 | - | 2+6+6  +93.33% |
| Semnan | Unspecified | Yes | +6 [[120](#_ENREF_120)] | 69 to 250 cases in 2008 | - | 2+6+6  +93.33% |
| Golestan | Unspecified | Yes | +6 [[124](#_ENREF_124)]  +5 [[125](#_ENREF_125)] | 155 to 662 cases in 2008 | - | 2+5.5+6  +90% |
| Chaharmahal-o bakhtiyar, Lorestan | Unspecified | Yes | - | 69 to 250 cases in 2008 | - | 2+6  +88.89% |
| Ardebil | Unspecified | Yes | - | 35 to 125 cases in 2008 | - | 2+6  +88.89% |
| Gilan, Hamedan, Kordestan, Markazi, West Azarbayejan | Unspecified | Yes | - | 3 to 51 cases in 2008 | - | 2+6  +88.89% |
| Ghazvin, Zanjan | Unspecified | Yes | - | 2 to 25 cases in 2008 | - | 2+6  +88.89% |
| Ghom | Unspecified | Yes | +5 [[126](#_ENREF_126)] | 155 to 662 cases in 2008 | - | 2+5+6  +86.67% |
| Hormozgan | Yes | No | +6 [[127](#_ENREF_127)] | 309 to 1323 cases in 2008 | - | 0+6+6  +80% |
| Mazandaran | Unspecified | Yes | +4 [[128](#_ENREF_128)] | 155 to 662 cases in 2008 | - | 2+4+6  +80% |
| Bushehr | Unspecified | No | +5 [[125](#_ENREF_125)] | 309 to 1323 cases in 2008 | - | -2+5+6  +60% |
| Kohgiluyeh va boyerahma | Unspecified | No | - | 3 to 51 cases in 2008 | - | -2+6  +44.44% |
| Iraq |  |  |  |  |  |  |
| Najaf | Unspecified | Yes | +6 [[129](#_ENREF_129)] | 34 to 51 reported cases in 2008 | - | 2+6+6  +93.33% |
| Qadisiyah | Unspecified | Yes | - | 362 cases in 2008 | - | 2+6  +88.89% |
| Kerbala | Unspecified | Yes | - | 118 to 202 cases in 2008 | - | 2+6  +88.89% |
| Anbar, Salaheldin, Wasit | Unspecified | Yes | - | 34 to 51 cases in 2008 | - | 2+6  +88.89% |
| Muthanna | Unspecified | Yes | - | 2 to 20 cases in 2008 | - | 2+6  +88.89% |
| Baghdad | Unspecified | Yes | +5 [[130](#_ENREF_130)] | 118 to 202 cases in 2008 | - | 2+5+6  +86.67% |
| Basrah | Unspecified | Yes | +5 [[131](#_ENREF_131)] | 2 to 20 cases in 2008 | - | 2+5+6  +86.67% |
| Ta’meem | Unspecified | Yes | +5 [[132](#_ENREF_132)] | 2 to 20 cases in 2008 | - | 2+5+6  +86.67% |
| Thiqar | Unspecified | Yes | +5 [[130](#_ENREF_130)] | 2 to 20 cases in 2008 | - | 2+5+6  +86.67% |
| Diala | Unspecified | Yes | +4 [[133](#_ENREF_133)] | 118 to 202 cases in 2008 | - | 2+4+6  +80% |
| Missan | Unspecified | Yes | +4 [ProMED] | 118 to 202 cases in 2008 | - | 2+4+6  +80% |
| Ninevah | Unspecified | Yes | +4 [[133](#_ENREF_133)] | 2 to 20 cases in 2008 | - | 2+4+6  +80% |
| Babil | Unspecified | Yes | +3 [[134](#_ENREF_134)] | 2 to 20 cases in 2008 | - | 2+3+6  +73.33% |
| Arbil, As Sulaymaniyah, Dahuk | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Ireland |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Israel |  |  |  |  |  |  |
| Southern District | Yes | Yes | +6 [[135](#_ENREF_135)] | 482 cases in 2008 | - | 3+6+6  +100% |
| Jerusalem | Unspecified | Yes | +5 [[136](#_ENREF_136)] | 79 cases in 2008 | - | 2+5+6  +86.67% |
| Northern | Yes | Yes | +4 [[137](#_ENREF_137)] | 251 cases in 2008 | - | 3+4+6  +86.67% |
| Central District | Unspecified | Yes | +3 [CNR-L] | 61 cases in 2008 | - | 2+3+6  +73.33% |
| Tel Aviv | Unspecified | Yes | +3 [CNR-L] | HE High | - | 2+3-6  -6.67% |
| Haifa | Unspecified | Yes | - | HE High | - | 2-6  -44.44% |
| Italy |  |  |  |  |  |  |
| Sicilia | Yes | Yes | +6 [[138](#_ENREF_138)] | 190 cases in 2004 |  | 3+6+4  +86.67% |
| Sardegna | Unspecified | Yes | +5 [[139](#_ENREF_139)] | 60 cases in 2004 |  | 2+5+4  +73.33% |
| Toscana | Unspecified | Yes | +5 [[140](#_ENREF_140)] | 15 to 28 cases in 2004 |  | 2+5+4  +73.33% |
| Campania | Unspecified | Yes | +5 [[141](#_ENREF_141)] | 15 to 28 cases in 2004 |  | 2+5+4  +73.33% |
| Emilia-romagna | Yes | Yes | +3 [[142](#_ENREF_142)] | 15 to 28 cases in 2004 |  | 3+3+4  +66.67% |
| Lombardia, Veneto | Unspecified | Yes |  | 15 to 28 cases in 2004 |  | 2+4  +66.67% |
| Calabria | Yes | Yes | +4 [[143](#_ENREF_143)] | 5 to 9 cases in 2004 | - | 3+4+0  +46.67% |
| Lazio | Unspecified | Yes | +5 [[144](#_ENREF_144)] | 5 to 9 cases in 2004 | - | 2+5+0  +46.67% |
| Liguria | Unspecified | Yes | +5 [[145](#_ENREF_145)] | 5 to 9 cases in 2004 | - | 2+5+0  +46.67% |
| Abruzzi | Yes | Yes | +3 [[142](#_ENREF_142)] | 5 to 9 cases in 2004 | - | 3+3+0  +40% |
| Basilicata, Marche, Molise, Puglia | Yes | Yes |  | 5 to 9 cases in 2004 | - | 3+0  +33.33% |
| Piemonte, Umbria | Unspecified | Yes |  | 5 to 9 cases in 2004 | - | 2+0  +22.22% |
| Friuli-Venezia Giulia, Trentino-Alto Adige, Valle D’Aosta | Unspecified | Yes |  | HE High | - | 2-6  -44.44% |
| Jamaica |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| Japan |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Jordan |  |  |  |  |  |  |
| Al Aqabah | Unspecified | Yes | - | 14 cases in 2008 | - | 2+6  +88.89% |
| Al Karak | Unspecified | Yes | +4 [[146](#_ENREF_146)] | 104 cases in 2008 | - | 2+4+6  +80% |
| At Tafilah, Irbid | Unspecified | Yes | +3 [[147](#_ENREF_147)] | 50 to 71 cases in 2008 | - | 2+3+6  +73.33% |
| Al Balqa | Unspecified | Yes | +5 [[148](#_ENREF_148)] | 1 to 4 cases in 2008 | - | 2+5+2  +60% |
| Amman | Unspecified | Yes | +3 [[149](#_ENREF_149)] | 1 to 4 cases in 2008 | - | 2+3+2  +46.67% |
| Ajloun | Unspecified | Yes | +5 [CNR-L] | HE Medium | - | 2+5-2  33.33% |
| Az Zarqa | Unspecified | Yes | +3 [[147](#_ENREF_147)] | HE Medium | - | 2+3-2  +20% |
| Al Mafraq, Jarash, Ma’an, Madaba | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Kazakhstan |  |  |  |  |  |  |
| Yujno-kazachstanskaya | No | Yes | - | 9 cases in 2008 | - | 0+2  +22.22% |
| Jambylslkaya, Kyzylordinskaya | No | Yes | - | Reported cases | - | 0+2  +22.22% |
| Aktyubinskaya, Almatinskaya, Almaty City area, Atyrauskaya, Karagandinskaya, Kustanayskaya, Mangistauskaya | No | Yes | - | HE Medium | - | 0-2  -22.22% |
| Akmolinskaya, Pavlodarskaya, Severo-kazachstanskaya, Vostochno-kazachstanskaya, Zapadno-kazachstanskaya | No | No | - | HE Medium | - | -3-2  -55.56% |
| Kenya |  |  |  |  |  |  |
| Western | Yes | Yes | +3 [[150](#_ENREF_150)] | Reported cases | - | 3+3+4  +66.67% |
| Rift Valley | Yes | Yes | +3 [[151](#_ENREF_151)] | Reported cases | - | 3+3+4  +66.67% |
| Eastern | Yes | No | +3 [[150](#_ENREF_150)] | HE Low | - | 0+3+2  +33.33% |
| Nyanza | No | Yes | - | HE Low | - | 0+2  +22.22% |
| Central | No | No | +4 [[152](#_ENREF_152)] | HE Low | - | -3+4+2  +20% |
| Coast, Nairobi, North Eastern | No | No | - | HE Low | - | -3+2  -11.11% |
| 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 |  |  |  |  |  |  |
| Al Farwaniyah | Unspecified | Yes | +5 [[153](#_ENREF_153)] | HE High | - | 2+5-6  +6.67% |
| Al Ahmadi | Unspecified | Yes | +3 [[154](#_ENREF_154)] | HE High | - | 2+3-6  -6.67% |
| Al Jahrah, Al Kuwayt, Hawalli | Unspecified | Yes | - | HE High | - | 2-6  -44.44% |
| Kyrgyzstan |  |  |  |  |  |  |
| Batken, Jalal-abad, Osh, Talas | No | Unspecified | - | HE Low | - | -2+2  0% |
| Chuy, Naryn, Ysyk-kol | No | No | - | HE Low | - | -3+2  -11.11% |
| Lao PDR |  |  |  |  |  |  |
| All provinces | No | No |  | HE Low | No evidence of reservoir or vector presence  -25% | (-3+2)-25%  -36.11% |
| Latvia |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Lebanon |  |  |  |  |  |  |
| Liban Nord | Yes | Yes | +4 [[155](#_ENREF_155)] | Reported cases | - | 3+4+0  +46.67% |
| Beirut, Liban Sud | Unspecified | Yes | +3 [[156](#_ENREF_156)] | Reported cases | - | 2+3+0  +33.33% |
| Mont Liban | Unspecified | Yes | - | Reported cases | - | 2+0  +22.22% |
| Beqaa | Unspecified | Yes | +3 [[156](#_ENREF_156)] | HE High | - | 2+3-6  -6.67% |
| 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 | No | No | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| Libya |  |  |  |  |  |  |
| Misurata | Yes | Yes | +6 [[157](#_ENREF_157)] | 650 to 930 cases in 2009 | - | 3+6+6  +100% |
| Nuqat al Khams | Yes | Yes | +6 [[157](#_ENREF_157)] | 113 cases in 2009 | - | 3+6+6  +100% |
| Sirte | Yes | Yes | +6 [[157](#_ENREF_157)] | 81 cases in 2009 | - | 3+6+6  +100% |
| Al Khoms, Az Zawia | Yes | Yes | +6 [[157](#_ENREF_157)] | 10 to 16 cases in 2009 | - | 3+6+6  +100% |
| Yafran | Yes | Yes | +3 [[158](#_ENREF_158)] | 650 to 930 cases in 2008 |  | 3+3+6  +80% |
| Al Aziziyah, Ghadamis, Gharyan, Sawfajjin, Tarhunah, Tripoli | Yes | Yes | +6 [[157](#_ENREF_157)] | HE Medium | - | 3+6-2  +46.67% |
| Ajdabiya, Al Fatah, Al Jabal Al Akhdar, Banghazi, Darnah, Tobruk, Zeleitin | Yes | Yes |  | HE Medium | - | 3-2  +11.11% |
| Ubari | No | No | +6 [[157](#_ENREF_157)] | HE Medium | - | -3+6-2  +6.67% |
| Al Jufrah, Al Kufrah, Ash Shati, Murzuq, Sabha | No | No |  | HE Medium | - | -3-2  -55.56% |
| Liechtenstein |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Lithuania |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| 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 |  |  |  |  |  |  |
| All provinces | No | Yes |  | HE Medium | - | 0-2  -22.22% |
| 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 | Unspecified | +3 [[159](#_ENREF_159)] | HE Low | - | 0+3+2  +33.33% |
| Central Region, Southern Region | Unspecified | Unspecified | - | HE Low | - | 0+2  +22.22% |
| Malaysia |  |  |  |  |  |  |
| All provinces | No | No |  | HE Medium |  | -3-2  -55.56% |
| Maldives |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Mali |  |  |  |  |  |  |
| Mopti | Yes | Yes | +6 [[160](#_ENREF_160),[161](#_ENREF_161)] | 3 to 4 cases in 2008 | - | 3+6+4  +86.67% |
| Segou | Yes | Yes | +5 [[162](#_ENREF_162)] | 3 to 4 cases in 2008 | - | 3+5+4  +80% |
| Koulikoro | Yes | Yes |  | 10 to 11 cases in 2008 | - | 3+4  +77.78% |
| Gao, Sikasso | Yes | Yes |  | 1 case in 2008 | - | 3+4  +77.78% |
| Kayes | Yes | Yes | +4 [CNR-L] | 10 to 11 cases in 2008 | - | 3+4+4  +73.33% |
| Bamako | Yes | Yes | +3 [CNR-L] | 10 to 11 cases in 2008 | - | 3+3+4  +66.67% |
| Tombouctou | No | Yes |  | HE Low | - | 0+2  +22.22% |
| Kidal | No | No |  | HE Low | - | -3+2  -11.11% |
| Malta |  |  |  |  |  |  |
| All provinces | Yes | Unspecified | +5 [[163](#_ENREF_163)] | Reported cases | - | 2+5+0  +46.67% |
| Marshall Islands |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| Martinique |  |  |  |  |  |  |
| All provinces | No | No | +5 [[164](#_ENREF_164)] | No HE Data Available | - | -3+5-2  0% |
| Mauritania |  |  |  |  |  |  |
| Assaba, Brakna, Hodh Ech Chargui, Hodh El Gharbi, Trarza | Yes | Yes |  | Sporadic cases |  | 3+4  +77.78% |
| Guidimaka | Yes | Yes | +4 [CNR-L] | Sporadic cases |  | 3+4+4  +73.33% |
| Gorgol | Yes | Yes | +3 [CNR-L] | Sporadic cases |  | 3+3+4  +66.67% |
| Nouakchott | Yes | Yes | +4 [CNR-L] | HE Low |  | 3+4+2  +60% |
| Tagant | Yes | Yes |  | HE Low |  | 3+2  +55.56% |
| Adrar, Dakhlet Nouadhibou, Inchiri, Trisi Zemmour | No | No |  | HE Low | - | -3+2  -11.11% |
| Mauritius |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| Mayotte |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available. Assumed HE High | - | -3-6  -100% |
| Mexico |  |  |  |  |  |  |
| Tabasco | Yes | Yes | +5 [[165](#_ENREF_165)] | 256 cases in 2009 |  | 3+5+6  +93.33% |
| Campeche | Yes | Yes | +5 [[166](#_ENREF_166)] | 46 to 69 cases in 2009 |  | 3+5+6  +93.33% |
| Chiapas | Yes | Yes | +3 [[167](#_ENREF_167)] | 46 to 69 cases in 2009 |  | 3+3+6  +80% |
| Quintana Roo | Yes | Yes | +3 [[68](#_ENREF_68)] | 46 to 69 cases in 2009 |  | 3+3+6  +80% |
| Nayarit | Yes | No | +5 [[168](#_ENREF_168)] | 20 to 29 cases in 2009 |  | 0+5+6  +73.33% |
| Veracruz | Unspecified | No | +5 [[165](#_ENREF_165)] | 20 to 29 cases in 2009 |  | -2+5+6  +60% |
| Oaxaca | Unspecified | No | +2 [[169](#_ENREF_169)] | 20 to 29 cases in 2009 | - | -2+2+6  +40% |
| Sinaloa | Yes | No | +6 [[170](#_ENREF_170)] | 1 to 5 cases in 2009 | - | 0+6+0  +40% |
| Yucatan | Yes | Yes | +3 [CNR-L] | 1 to 5 cases in 2009 | - | 3+3+0  +40% |
| Durango | Unspecified | No | +6 [[171](#_ENREF_171)] | 1 to 5 cases in 2009 | - | -2+6+0  +26.67% |
| Coahuila | Yes | No |  | 2 cases 1981-2007 | - | 0+0  0% |
| Jalisco | Yes | No |  | 1 to 5 cases in 2009 | - | 0+0  0% |
| Guerrero, Michoacan de Ocampo | Unspecified | No |  | 1 case 1981-2007 | - | -2+0  -22.22% |
| Tamaulipas | Yes | Yes |  | HE High | - | 3-6  -33.33% |
| Chihuahua, Nuevo Leon | Yes | No |  | HE High | - | 0-6  -66.67% |
| Aguascalientes, Baja California, Baja California Sur, Colima, Distrito Federal, Guanajuato, Hidalgo, Mexico, Morelos, Puebla, Queretaro, San Luis Potosi, Sonora, Tlaxcala, Zacatecas | Unspecified | No |  | HE High | - | -2-6  -88.89% |
| Moldova, Republic of |  |  |  |  |  |  |
| All provinces | No | No |  | HE Medium |  | -3-2  -55.56% |
| Monaco |  |  |  |  |  |  |
| All provinces | No | Unspecified | - | HE High | - | -2-6  -88.89% |
| Mongolia |  |  |  |  |  |  |
| All provinces | No | Unspecified | - | HE Low | - | -2+2  0% |
| Montenegro |  |  |  |  |  |  |
| All provinces | Unspecified | No |  | HE High |  | -2-6  -88.89% |
| Montserrat |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| Morocco |  |  |  |  |  |  |
| Sud | Yes | Yes | +6 [[172](#_ENREF_172)] | 1000+ cases in 2008 |  | 3+6+6  +100% |
| Centre Sud | Yes | Yes | +6 [[172](#_ENREF_172),[173](#_ENREF_173)] | 1000+ cases in 2008 |  | 3+6+6  +100% |
| Centre | Yes | Yes | +6 [[172](#_ENREF_172),[174](#_ENREF_174)] | 300+ cases in 2008 |  | 3+6+6  +100% |
| Tensift | Yes | Yes | +6 [[174](#_ENREF_174)] | 300+ cases in 2008 |  | 3+6+6  +100% |
| Oriental | Yes | Yes | +6 [[174](#_ENREF_174)] | 100+ cases in 2008 |  | 3+6+6  +100% |
| Centre Nord | Yes | Yes | +6 [[172](#_ENREF_172),[174](#_ENREF_174)] | 100+ cases in 2008 |  | 3+6+6  +100% |
| Nord Ouest | Yes | Yes | +6 [[172](#_ENREF_172)] | 50+ case in 2008 |  | 3+6+6  +100% |
| Mozambique |  |  |  |  |  |  |
| All provinces | No | No |  | HE Low | No evidence of reservoir or vector presence  -25% | (-3+2)-25%  -36.11% |
| Myanmar |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | - | -3+2  -11.11% |
| Namibia |  |  |  |  |  |  |
| Karas | Yes | Yes | +3 [[175](#_ENREF_175),[176](#_ENREF_176)] | HE Medium | - | 3+3-2  +26.67% |
| Hardap | Yes | Yes |  | HE Medium | - | 3-2  +11.11% |
| Erongo, Khomas | No | Yes |  | HE Medium | - | 0-2  -22.22% |
| Caprivi, Kavango, Kunene, Ohangwena, Omaheke, Omusati, Oshana, Oshikoto, Otjozondjupa | No | No |  | HE Medium | - | -3-2  -55.56% |
| Nauru |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Nepal |  |  |  |  |  |  |
| Central, Western | No | No | +5 [[177](#_ENREF_177)] | HE Low | - | -3+5+2  +26.67% |
| Eastern, Far Western, Mid Western | No | No | - | HE Low | - | -3+2  -11.11% |
| Netherlands |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Netherland Antilles |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| New Caledonia |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| Nicaragua |  |  |  |  |  |  |
| Madriz | Yes | Yes | - | Many reported cases | - | 3+6  +100% |
| Chontales, Esteli, Matagalpa | Yes | Yes | +5 [[178](#_ENREF_178)] | Many reported cases | - | 3+5+6  +93.33% |
| Masaya | Unspecified | Yes | - | Many reported cases | - | 2+6  +88.89% |
| Managua | Unspecified | Yes | +5 [[178](#_ENREF_178)] | Many reported cases | - | 2+5+6  +86.67% |
| Atlantico Norte, Atlantico Sur, Nueva Segovia | Yes | Yes | +4 [[179](#_ENREF_179)] | Many reported cases | - | 3+4+6  +86.67% |
| Jinotega | Yes | Yes | +5 [[178](#_ENREF_178)] | HE Medium | - | 3+5-2  +40% |
| Boaco | Yes | Yes | +4 [[179](#_ENREF_179)] | HE Medium | - | 3+4-2  +33.33% |
| Granada | Unspecified | Yes | +5 [[178](#_ENREF_178)] | HE Medium | - | 2+5-2  +33.33% |
| Leon | Unspecified | Yes | +5 [[178](#_ENREF_178),[180](#_ENREF_180)] | HE Medium | - | 2+5-2  +33.33% |
| Rio San Juan | Yes | Yes | - | HE Medium | - | 3-2  +11.11% |
| Carazo, Chinandega, Rivas | Unspecified | Yes | - | HE Medium | - | 2-2  0% |
| Niger |  |  |  |  |  |  |
| Agadez, Dosso, Maradi, Niamey, Tahoua, Tillaberi, Zinder | Yes | Yes | +3 [[181](#_ENREF_181)] | HE Low | - | 3+3+2  +53.33% |
| Diffa | No | Yes | +3 [[181](#_ENREF_181)] | HE Low | - | 0+3+2  +33.33% |
| Nigeria |  |  |  |  |  |  |
| Plateau | Yes | Yes | +3 [[182](#_ENREF_182)] | Reported cases | - | 3+3+4  +66.67% |
| Jigawa, Kebbi, Yobe, Zamfara | Yes | Yes | - | HE Low | - | 3+2  +55.56% |
| Bauchi, Borno, Kano, Katsina, Sokoto | Yes | Yes | +3 [[183](#_ENREF_183)] | HE Low | - | 3+3+2  +53.33% |
| Kaduna | No | Yes | +3 [[183](#_ENREF_183)] | HE Low | - | 0+3+2  +33.33% |
| Adamawa, Gombe, Niger | No | Yes | - | HE Low | - | 0+2  +22.22% |
| Enugu | No | No | +3 [[183](#_ENREF_183)] | HE Low | - | -3+3+2  +13.33% |
| Nasarawa | No | No | +3 [[184](#_ENREF_184)] | HE Low | - | -3+3+2  +13.33% |
| Abia, Akwa Ibom, Anambra, Bayelsa, Benue, Cross River, Delta, Ebonyi, Edo, Ekiti, FCT-Abuja, Imo, Kogi, Kwara, Lagos, Ogun, Ondo, Osun, Oyo, Rivers, Taraba | 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 | Unspecified | - | 2 cases in 2008 | - | 2+2  +44.44% |
| Muscat | Unspecified | Unspecified | - | 2 cases in 2008 | - | 0+2  +22.22% |
| A Dakhliya, Al Batnah, Al Dhahira | Unspecified | Unspecified | - | 1 case in 2008 | - | 0+2  +22.22% |
| A Sharqiya, Al Wusta, Musandam | Unspecified | Unspecified | - | HE Medium | - | 0-2  -22.22% |
| Pakistan |  |  |  |  |  |  |
| Punjab | Yes | Yes | +5 [[185](#_ENREF_185)] | 2 to 32 cases in 2003 | - | 3+5+6  +93.33% |
| Balochistan | Yes | Yes | +6 [[186](#_ENREF_186)] | HE Low | - | 3+6+2  +73.33% |
| NWFP | Yes | No | +6 [[187](#_ENREF_187)] | Reported cases in 2003 | - | 0+6+4  +66.67% |
| Sind | Yes | No | +6 [[186](#_ENREF_186)]  +5 [[188](#_ENREF_188)] | HE Low | - | 0+5.5+2  +50% |
| Islamabad | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Fata | Unspecified | No | +4 [[189](#_ENREF_189)] | Reported cases in 2003 | - | -2+4+4  +40% |
| Palau |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Panama |  |  |  |  |  |  |
| Cocle, Panama | Yes | Yes | +6 [[190](#_ENREF_190)] | 262 to 417 cases in 2009 | - | 3+6+6  +100% |
| Bocas del Toro | Yes | Yes | +6 [[190](#_ENREF_190)] | 210 to 366 cases in 2009 | - | 3+6+6  +100% |
| Colon | Yes | Yes | +6 [[190](#_ENREF_190)] | 105 to 183 cases in 2009 | - | 3+6+6  +100% |
| Chiriqui | Yes | Yes | +6 [[190](#_ENREF_190)] | 2 to 21 cases in 2009 | - | 3+6+6  +100% |
| Darien, Veraguas | Unspecified | Yes | +6 [[190](#_ENREF_190)] | 52 to 63 cases in 2009 | - | 2+6+6  +93.33% |
| Comarca de San Blas | Unspecified | Yes | +6 [[190](#_ENREF_190)] | 2 to 21 cases in 2009 | - | 2+6+6  +93.33% |
| Herrera, Los Santos | Unspecified | Yes | - | 2 to 21 cases in 2009 | - | 2+6  +88.89% |
| Paraguay |  |  |  |  |  |  |
| Amambay, Guaira | Unspecified | Yes | - | 14 to 20 cases in 2008 | - | 2+6  +88.89% |
| Alto Parana | Yes | Yes | +3 [[191](#_ENREF_191)] | 26 to 41 cases in 2008 | - | 3+3+6  +80% |
| Canindeyu | Yes | Yes | +3 [[192](#_ENREF_192)] | 82 cases in 2008 | - | 3+3+6  +80% |
| San Pedro | Yes | Yes | +3 [[192](#_ENREF_192)] | 26 to 41 cases in 2008 | - | 3+3+6  +80% |
| Caaguazu, Itapua | Unspecified | Yes | +3 [ProMED] | 14 to 20 cases in 2008 | - | 2+3+6  +73.33% |
| Caazapa | Unspecified | Yes | +3 [[193](#_ENREF_193)] | 26 to 41 cases in 2008 | - | 2+3+6  +73.33% |
| Boqueron, Concepcion, Cordillera | Unspecified | Yes | - | 1 to 8 cases in 2008 | - | 2+2  +44.44% |
| Central | Unspecified | Yes | +4 [[194](#_ENREF_194)] | HE Medium | - | 2+4-2  +26.67% |
| Alto Paraguay, Misiones, Neembucu, Paraguari, 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 |  |  |  |  |  |  |
| La Libertad | Yes | Yes | +6 [[195](#_ENREF_195)] | Many cases reported in MoH documents | - | 3+6+6  +100% |
| Amazonas, Ancash, Apurimac, Ayacucho, Cajamarca, Cusco, Junin, Lambayeque, Loreto, Madre de Dios, Pasco, Piura, San Martin | Yes | Yes | +6 [[196](#_ENREF_196)] | Many cases reported in MoH documents | - | 3+6+6  +100% |
| Huanuco, Ucayali | Yes | Yes | +5 [[198](#_ENREF_198)] | Many cases reported in MoH documents | - | 3+5+6  +93.33% |
| Puno | Yes | Yes | +3 [[199](#_ENREF_199)] | Many cases reported in MoH documents | - | 3+3+6  +80% |
| Lima | Yes | Yes | +6 [[197](#_ENREF_197)] |  | - | 3+6+2  +73.33% |
| Huancavelica | Yes | Yes | - | Sporadic cases reported in MoH documents | - | 3+2  +55.56% |
| Callao | Yes | Yes | +6 [[197](#_ENREF_197)] | HE Medium | - | 3+6-2  +46.67% |
| Arequipa | No | Yes | - | Sporadic cases reported in MoH documents | - | 0+2  +22.22% |
| Ica, Tumbes | Yes | No | - | Sporadic cases reported in MoH documents | - | 0+2  +22.22% |
| Moquegua, Tacna | No | No | - | HE Medium | - | -3-2  -55.56% |
| 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 |  |  |  |  |  |  |
| Vila Real | Yes | Yes | +6 [[200](#_ENREF_200)] | HE High | - | 3+6-6  +20% |
| Aveiro, Braga, Braganca, Guarda, Porto, Viana Do Castelo, Viseu | Yes | Yes | +6 [[201](#_ENREF_201)] | HE High | - | 3+6-6  +20% |
| Faro, Lisboa, Setubal | Unspecified | Yes | +6 [[201](#_ENREF_201)] | HE High | - | 2+6-6  +13.33% |
| Beja, Castelo Branco, Coimbra, Evora, Leiria, Portalegre, Santarem | Unspecified | Yes |  | HE High | - | 2-6  -44.44% |
| Azores | Unspecified | No |  | HE High | - | -2-6  -88.89% |
| Puerto Rico |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Qatar |  |  |  |  |  |  |
| All provinces | No | No |  | HE High |  | -3-6  -100% |
| Reunion |  |  |  |  |  |  |
| All provinces | No | No | - | No HE Data Available | - | -3-2  -55.56% |
| Romania |  |  |  |  |  |  |
| All provinces | No | No |  | HE High |  | -3-6  -100% |
| Russian Federation |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Rwanda |  |  |  |  |  |  |
| All provinces | No | No |  | HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| 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 | No | +3 [[142](#_ENREF_142)] | HE High | - | -3+3-6  -40% |
| Sao Tome and Principe |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| Saudi Arabia |  |  |  |  |  |  |
| Quassim | Unspecified | Yes | +6 [[202](#_ENREF_202)] | 758 cases in 2008 | - | 2+6+6  +93.33% |
| Hail | Unspecified | Yes | - | 165 cases in 2008 | - | 2+6  +88.89% |
| Madinah | Unspecified | Yes | +5 [[203](#_ENREF_203)] | 325 to 379 cases in 2008 | - | 2+5+6  +86.67% |
| Eastern Province | Unspecified | Yes | +4 [[204](#_ENREF_204)] | 325 to 379 cases in 2008 | - | 2+4+6  +80% |
| Riyad | Unspecified | Yes | +3 [[205](#_ENREF_205)] | 325 to 379 cases in 2008 | - | 2+3+6  +73.33% |
| Baha | Unspecified | Yes | +6 [[202](#_ENREF_202)] | 1 case in 2008 | - | 2+6+0  +53.33% |
| Jawf | Unspecified | Yes | +5 [[203](#_ENREF_203)] | 2 cases in 2008 | - | 2+5+0  +46.67% |
| Northern Frontier, Tabuk | Unspecified | Yes | +5 [[203](#_ENREF_203)] | 1 case in 2008 | - | 2+5+0  +46.67% |
| Asir | Unspecified | Yes | +4 [[206](#_ENREF_206)] | 1 case in 2008 | - | 2+4+0  +40% |
| Jizan, Makkah | Unspecified | Yes | +3 [[207](#_ENREF_207)] | 1 case in 2008 | - | 2+3+0  +33.33% |
| Najran | Unspecified | Yes | - | 1 case in 2008 | - | 2+0  +22.22% |
| Senegal |  |  |  |  |  |  |
| Matam | Yes | Yes | +5 [[208](#_ENREF_208)] | 1 case in 2008 |  | 3+5+4  +80% |
| Dakar | Unspecified | Yes | +4 [[209](#_ENREF_209)] | 1 case in 2008 |  | 2+4+4  +66.67% |
| Thies | Yes | Yes | +3 [CNR-L] | 1 case in 2008 |  | 3+3+4  +66.67% |
| Tambacounda | Unspecified | Yes | +4 [CNR-L] | 1 case in 2008 |  | 2+4+4  +66.67% |
| Diourbel, Fatick, Kolda, Louga | Unspecified | Yes |  | 1 case in 2008 |  | 2+4  +66.67% |
| Kaolack | Unspecified | Yes | +3 [[210](#_ENREF_210)] | 1 case in 2008 |  | 2+3+4  +60% |
| Saint-Louis, Ziguinchor | Unspecified | Yes |  | HE Low | - | 2+4  +44.44% |
| Serbia |  |  |  |  |  |  |
| All provinces | No | No |  | HE Medium |  | -3-2  -55.56% |
| Seychelles |  |  |  |  |  |  |
| All provinces | No | No | - | HE Medium | - | -3-2  -55.56% |
| Sierra Leone |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| 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, Obaino-kraska, Osrednjeslovenska | No | Yes |  | HE High |  | 0-6  -66.67% |
| Koroska, Podravska, Pomurska, Savinjska, Spodnjeposavska, Zasavska | No | No |  | HE High |  | -3-6  -100% |
| Solomon Islands |  |  |  |  |  |  |
| All provinces | No | No | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| Somalia |  |  |  |  |  |  |
| Bakool, Bay, Gedo, Hiraan, Juba Dhexe, Juba Hoose, Shabelle Dhexe, Shabelle Hoose | Yes | No | - | Assumed HE Low | - | 0+2  +22.22% |
| Awdal, Banadir, Bari, Galgaduud, Mudug, Nugaal, Sanaag, Sool, Togdheer, Woqooyi Galbeed | No | No | - | HE Low | - | -3+2  -11.11% |
| South Africa |  |  |  |  |  |  |
| Northern Cape | Unspecified | Unspecified | +3 [[211](#_ENREF_211)] | HE High | - | 0+3-6  -20% |
| Eastern Cape, Free State, Gauteng, Kwazulu-natal, Mpumalanga, Northern Province, North-west, Western Cape | Unspecified | Unspecified |  | HE High |  | 0-6  -66.67% |
| South Sudan |  |  |  |  |  |  |
| Upper Nile | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Western Equatoria | Unspecified | No | +3 [CNR-L] | HE Low | - | -2+3-2  +20% |
| Central Equatoria, Eastern Equatoria, El Buheyrat, Jonglei, Northern Bahr El Ghazal, Unity, Warab, Western Bahr El Ghazal | Unspecified | No | - | HE Low | - | -2+2  0% |
| Spain |  |  |  |  |  |  |
| Andalucia | Unspecified | Yes | +5 [[212](#_ENREF_212)] | 264 cases in 2008 “Leishmaniasis” |  | 2+5+6  +86.67% |
| Catalonia | Unspecified | Yes | +3 [[213](#_ENREF_213)] | 60 cases in 2008  “Leishmaniasis” |  | 0+3+6  +73.33% |
| Madrid | Unspecified | Yes | +6 [[214](#_ENREF_214)] | 16 cases in 2008  “Leishmaniasis” |  | 2+6+0  +53.33% |
| Balearic Islands | Unspecified | Yes | +5 [[215](#_ENREF_215)] | 11 cases in 2008  “Leishmaniasis” | - | 2+5+0  +46.67% |
| Murcia | Yes | Yes | +4 [[216](#_ENREF_216)] | 1 to 6 cases in 2008 “Leishmaniasis” | - | 3+4+0  +46.67% |
| Valencia | Yes | Yes | +2 [[217](#_ENREF_217)] | Reported cases | - | 3+2+0  +33.33% |
| Aragon, Castilla-la Mancha, Extremadura, La Rioja, Navarra | Unspecified | Yes |  | Reported cases | - | 2+0  +22.22% |
| Castilla Y Leon | Unspecified | Yes |  | HE High | - | 2-6  -44.44% |
| Asturias, Canary Islands, Cantabria, Ceuta, Galicia, Melilla, Pais Vasco | Unspecified | No |  | HE High |  | -2-6  -88.89% |
| Sri Lanka |  |  |  |  |  |  |
| Southern | Yes | Unspecified | +6 [[218](#_ENREF_218)] | 394 to 445 cases in 2009 | - | 2+6+6  +93.33% |
| Sabaragamuwa | Unspecified | Unspecified | +6 [[219](#_ENREF_219)] | 246 to 291 cases in 2009 | - | 0+6+6  +80% |
| Central, Eastern | Unspecified | Unspecified | +6 [[219](#_ENREF_219)] | 12 to 31 cases in 2009 | - | 0+6+6  +80% |
| Northern | Unspecified | Unspecified | +6 [[218](#_ENREF_218)] | 2 to 14 cases in 2009 | - | 0+6+4  +66.67% |
| North Central | Unspecified | Unspecified | +4 [[220](#_ENREF_220),[221](#_ENREF_221)] | 158 to 177 cases in 2009 | - | 0+4+6  +66.67% |
| Western | Unspecified | Unspecified | +4 [[221](#_ENREF_221)] | 13 to 32 cases in 2009 | - | 0+4+6  +66.67% |
| North Western | Unspecified | Unspecified | +4 [[221](#_ENREF_221)] | 2 to 14 cases in 2009 | - | 0+4+4  +53.33% |
| Uva | Unspecified | Unspecified | +4 [[222](#_ENREF_222)] | 1 to 7 cases in 2009 | - | 0+4+4  +53.33% |
| Sudan |  |  |  |  |  |  |
| Khartoum | Unspecified | Yes | +6 [[223](#_ENREF_223)] | Reported cases in 2009 | - | 2+6+4  +80% |
| Northern Darfur, Northern Kordofan, Southern Darfur | Yes | Yes | - | Reported cases in 2009 | - | 3+4  +77.78% |
| Southern Kordofan | Yes | Yes | +4 [[224](#_ENREF_224)] | Reported cases in 2009 | - | 3+4+4  +73.33% |
| Nile | Yes | Yes | +5 [[225](#_ENREF_225)] | HE Low | - | 3+5+2  +66.67% |
| Western Darfur | Yes | Yes | +3 [[226](#_ENREF_226)] | Reported cases in 2009 | - | 3+3+4  +66.67% |
| Kassala | Unspecified | Yes | +3 [[227](#_ENREF_227)] | Reported cases in 2009 | - | 2+3+4  +60% |
| Northern | Yes | Yes | +3 [[228](#_ENREF_228)] | HE Low | - | 3+3+2  +53.33% |
| White Nile | Unspecified | Yes | +4 [[229](#_ENREF_229)] | HE Low | - | 2+4+2  +53.33% |
| Sennar | Unspecified | Yes | +3 [[230](#_ENREF_230)] | HE Low | - | 2+3+2  +46.67% |
| Al Jazeera, Blue Nile | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Gadaref | Unspecified | No | +4 [[231](#_ENREF_231)] | Reported cases in 2009 | - | -2+4+4  +40% |
| Red Sea | Unspecified | No | - | HE Low | - | -2+2  0% |
| Suriname |  |  |  |  |  |  |
| Brokopondo | Unspecified | Yes | +6 [[232](#_ENREF_232)] | 64 cases in 2008 | - | 2+6+6  +93.33% |
| Sipaliwini | Unspecified | Yes | +6 [[233](#_ENREF_233)] | 50 cases in 2008 | - | 2+6+6  +93.33% |
| Marowijne | Unspecified | Yes | +6 [[234](#_ENREF_234)] | 16 to 40 cases in 2008 | - | 2+6+6  +93.33% |
| Wanica | Unspecified | Yes | - | 16 to 40 cases in 2008 | - | 2+6  +88.89% |
| Paramaribo | Unspecified | Yes | +6 [[235](#_ENREF_235)] | 1 to 6 cases in 2008 | - | 2+6+2  +66.67% |
| Para, Saramacca | Unspecified | Yes | +6 [[234](#_ENREF_234)] | 1 to 6 cases in 2008 | - | 2+6+2  +66.67% |
| Commewijne | Unspecified | Yes | - | 1 to 6 cases in 2008 | - | 2+2  +44.44% |
| Coronie, Nickerie | 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 |  |  |  |  |  |  |
| Tartous | Unspecified | Yes | - | 455 to 1427 cases in 2008 | - | 2+6  +88.89% |
| Dayr Az Zor, Raqqa | Unspecified | Yes | - | 186 to 394 cases in 2008 | - | 2+6  +88.89% |
| As Suweida, Dara | Unspecified | Yes | - | 32 to 70 cases in 2008 | - | 2+6  +88.89% |
| Hassakeh | Unspecified | Yes | +5 [CNR-L] | 186 to 394 cases in 2008 | - | 2+5+6  +86.67% |
| Aleppo | Yes | Yes | +3 [[236](#_ENREF_236)] | 18603 cases in 2008 | - | 3+3+6  +80% |
| Idleb | Unspecified | Yes | +4 [[237](#_ENREF_237)] | 2219 to 2883 cases in 2008 | - | 2+4+6  +80% |
| Lattakia | Unspecified | Yes | +4 [CNR-L] | 455 to 1427 cases in 2008 | - | 2+4+6  +80% |
| Hama | Unspecified | Yes | +3 [CNR-L] | 2219 to 2883 cases in 2008 | - | 2+3+6  +73.33% |
| Homs | Unspecified | Yes | +3 [CNR-L] | 455 to 1427 cases in 2008 | - | 2+3+6  +73.33% |
| Damascus, Damascus City | Unspecified | Yes | +3 [[238](#_ENREF_238)] | 455 to 1427 cases in 2008 | - | 2+3+6  +73.33% |
| Al Qunaytirah | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Taiwan |  |  |  |  |  |  |
| All provinces | Yes | No | +6 [[239](#_ENREF_239)] | 3 cases in 2009 | - | 0+6+2  +53.33% |
| Tajikistan |  |  |  |  |  |  |
| Sogd | No | Unspecified | - | 44 cases in 2009 | - | -2+6  +44.44% |
| Khatlon | No | Unspecified | - | 2 cases in 2009 | - | -2+4  +22.22% |
| Badakhshoni Kuni | No | No | - | 1 case in 2009 | - | -3+4  +11.11% |
| Tadzhikistan Territories | No | Unspecified | - | HE Low | - | -2+2  0% |
| Tanzania |  |  |  |  |  |  |
| All provinces | Unspecified | No | - | HE Low | No evidence of infection in reservoir or vector species  -25% | (-2+2)-25%  -25% |
| Thailand |  |  |  |  |  |  |
| Lopburi | No | No | +5 [[240](#_ENREF_240)] | HE Medium | - | -3+5-2  0% |
| Chiang Rai, Nakhon Si Thammarat, Songkhla | No | No | - | Reported cases | - | -3+2  -11.11% |
| Amnat Charoen, Ang Thong, Bangkok, Buriram, Chachoengsao, Chainat, Chaiyaphum, Chanthaburi, Chiang Mai, Chonburi, Chumphon, Kalasin, Kampaeng Phet, Kanchanaburi, Khon Kaen, Krabi, Lampang, Lamphun, Loei, Mae Hong Son, Maha Sarakham, Mukdahan, Nakhon Nayok, Nakhon Pathom, Nakhon Phanom, Nakhon Ratchasima, Nakhon Sawan, Nan, Narathiwat, Nong Bua Lamphu, Nong Khai, Nonthaburi, Pathum Thani, Pattani, Phachinburi, Phangnga, Phattalung, Phayao, Phethcabun, 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, Surat Thani, Surin, Tak, Trad, Trang, Ubon Ratchathani, Udon Thani, Uthai Thani, Uttaradit, Yala, Yasothon | No | No | - | HE Medium | - | -3-2  -55.56% |
| Timor Leste |  |  |  |  |  |  |
| Dili | Yes | No | +4 [[241](#_ENREF_241)] | HE Low | - | 0+4+2  +40% |
| Aileu, Ainaro, Baucau, Bobonaro, Cova Lima, Ermera, Lautem, Liquica, Manatuto, Manufahi, Oecussi, Viqueque | Unspecified | No | - | HE Low | - | -2+2  0% |
| Trinidad and Tobago |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| Togo |  |  |  |  |  |  |
| Kara, Savanes | Unspecified | Unspecified | - | HE Low | - | 0+2  +22.22% |
| Centrale, Maritime, Plateaux | Unspecified | No | - | HE Low | - | -2+2  0% |
| 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 |  |  |  |  |  |  |
| Gafsa | Yes | Yes | +6 [[242](#_ENREF_242)] | 854 cases in 2008 | - | 3+6+6  +100% |
| Medenine | Yes | Yes |  | 87 to 168 cases in 2008 | - | 3+6  +100% |
| Gabes, Kebili, Sidi Bouz | Yes | Yes | +5 [[243](#_ENREF_243)] | 257 to 316 cases in 2008 | - | 3+5+6  +93.33% |
| Kairouan, Kasserine, Mahdia, Sfax, Tataouine, Tozeur | Yes | Yes | +5 [[243](#_ENREF_243)] | 87 to 168 cases in 2008 | - | 3+5+6  +93.33% |
| Beja, Monastir, Sousse, Zaghouan | Yes | Yes | +5 [[243](#_ENREF_243)] | 2 to 32 cases in 2008 |  | 3+5+6  +93.33% |
| Ariana, Bizerte, Jendouba, Le Kef, Manouba, Nabeul, Siliana, Tunis | Yes | Yes | +5 [[243](#_ENREF_243)] | HE Medium | - | 3+5-2  +40% |
| Ben Arous | Yes | Yes |  | HE Medium | - | 3-2  +11.11% |
| Turkey |  |  |  |  |  |  |
| Osmaniye | Yes | Yes | +6 [[244](#_ENREF_244)] | 221 to 302 cases in 2008 | - | 3+6+6  +100% |
| Sanliurfa | Yes | Yes | +6 [[245](#_ENREF_245)] | 221 to 302 cases in 2008 | - | 3+6+6  +100% |
| Adana | Yes | Yes | +6 [[246](#_ENREF_246)] | 93 to 146 cases in 2008 | - | 3+6+6  +100% |
| Hatay | Yes | Yes | +6 [[245](#_ENREF_245)] | 93 to 146 cases in 2008 | - | 3+6+6  +100% |
| Aydin | Unspecified | Yes | +6 [[245](#_ENREF_245)] | 25 to 50 cases in 2008 | - | 2+6+6  +93.33% |
| Diyarbakir | Yes | Yes | +4 [[247](#_ENREF_247)] | 93 to 146 cases in 2008 | - | 3+4+6  +86.67% |
| Icel | Yes | Yes | +4 [[248](#_ENREF_248)] | 93 to 146 cases in 2008 | - | 3+4+6  +86.67% |
| Kharamanmaras | Yes | Yes | +4 [[248](#_ENREF_248)] | 25 to 50 cases in 2008 | - | 3+4+6  +86.67% |
| Antalya | Unspecified | Yes | +3 [[249](#_ENREF_249)] | 25 to 50 cases in 2008 | - | 2+3+6  +73.33% |
| Izmir, Mugla, Nigde | Unspecified | Yes | +6 [[245](#_ENREF_245)] | 1 to 18 cases in 2008 | - | 2+6+0  +53.33% |
| Mus | Unspecified | Yes | +5 [CNR-L] | 1 to 18 cases in 2008 | - | 2+5+0  +46.67% |
| Manisa | Unspecified | Yes | +4 [[250](#_ENREF_250)] | 1 to 18 cases in 2008 | - | 2+4+0  +40% |
| Afyon, Bursa, Gaziantep, Kayseri, Konya, Malatya | Unspecified | Yes | - | 1 to 18 cases in 2008 | - | 2+0  +22.22% |
| Bingol | Unspecified | Yes | +6 [[245](#_ENREF_245)] | HE High | - | 2+6-6  +13.33% |
| Karabuk | Unspecified | Yes | +6 [[251](#_ENREF_251)] | HE High | - | 2+6-6  +13.33% |
| Trabzon | Unspecified | Yes | +5 [CNR-L] | HE High | - | 2+5-6  +6.67% |
| Cankiri | Unspecified | Yes | +4 [[247](#_ENREF_247)] | HE High | - | 2+4-6  0% |
| Kars | Unspecified | Yes | +4 [[250](#_ENREF_250),[252](#_ENREF_252)] | HE High | - | 2+4-6  0% |
| Adiyaman, Agri, Aksaray, Amasya, Ankara, Ardahan, Artvin, Balikesir, Bartin, Batman, Bayburt, Bilecik, Bitlis, Bolu, Burdur, Canakkale, Corum, Denizli, Edirne, Elazig, Erzincan, Erzurum, Eskisehir, Giresun, Gumushane, Hakkari, Igdir, Isparta, Istanbul, Karaman, Kastamonu, Kilis, Kirikkale, Kirkkale, Kirklareli, Kirsehir, Kocaeli, Kutahya, Mardin, Nevsehir, Ordu, Rize, Sakarya, Samsun, Siirt, Sinop, Sirnak, Sivas, Tekirdag, Tokat, Tunceli, Usak, Van, Yalova, Yozgat, Zonguldak | Unspecified | Yes | - | HE High | - | 2-6  -44.44% |
| Turkmenistan |  |  |  |  |  |  |
| Tashauz | Unspecified | Yes | - | 14 to 16 cases in 2008 | - | 2+6  +88.89% |
| Turkmenistan Territories | Yes | Yes | +3 [[253](#_ENREF_253)] | 14 to 16 cases in 2008 | - | 3+3+6  +80% |
| Mary | Unspecified | Yes | +3 [[254](#_ENREF_254)] | 42 cases in 2008 | - | 2+3+6  +73.33% |
| Chardzhou | Unspecified | Yes |  | 1 case in 2008 | - | 2+4  +66.67% |
| 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 |  |  |  |  |  |  |
| Bugiri, Bukwa, Busia, Butaleja, Iganga, Kaabong, Kapchorwa, Katakwi, Kotido, Kumi, Manafwa, Mayuge, Mbale, Moroto, Nakapiripirit, Pallisa, Sironko, Tororo | Yes | Unspecified | - | HE Low | - | 2+2  +44.44% |
| Jinja, Kalangala, Kaliro, Kampala, Kamuli, Kayunga, Kibaale, Kiboga, Kiruhura, Kyenjojo, Luweero, Masaka, Mityana, Mpigi, Mubende, Mukono, Nakaseke, Rakai, Sembabule, Wakiso | Unspecified | Unspecified | - | HE Low | - | 0+2  +22.22% |
| Adjumani, Amolatar, Amuria, Apac, Arua, Bundibugyo, Bushenyi, Gulu, Hoima, Ibanda, Isingiro, Kabale, Kabarole, Kaberamaido, Kamwenge, Kanungu, Kasese, Kisoro, Kitgum, Koboko, Lira, Masindi, Mbarara, Moyo, Nakasongola, Nebbi, Ntungamo, Pader, Rukungiri, Soroti, Yumbe | Unspecified | No | - | HE Low | - | -2+2  0% |
| Ukraine |  |  |  |  |  |  |
| Kharkov | No | No |  | 2 cases in 2008 | - | -3+2  -11.11% |
| Dnipropetrovsk | No | No |  | 1 case in 2008 | - | -3+2  -11.11% |
| Cherkasy, Chernihiv, Chernivtsi, Donetsk, Ivano-Frankivsk, Kherson, Khmelnytskyi, Kiev, Kirovohrad, Krym, Luhansk, Lviv, Mykolaiv, Odessa, Poltava, Rivne, Sumy, Ternopil, Vinnytsia, Volyn, Zakarpattia, Zaporizhia, Zhytomyr | No | No |  | HE Medium |  | -3-2  -55.56% |
| United Arab Emirates |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| United Kingdom |  |  |  |  |  |  |
| All provinces | No | No | - | HE High | - | -3-6  -100% |
| United States of America |  |  |  |  |  |  |
| Texas | Yes | Yes | +6 [[255](#_ENREF_255)] | Reported cases | - | 3+6+0  +60% |
| Arizona, Oklahoma | No | No | - | Reported cases | - | -3+0  -33.33% |
| Alabama, Alaska, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming | No | No | - | HE High | - | -3-6  -100% |
| 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 |  |  |  |  |  |  |
| Karakalpakstan | Unspecified | Yes | - | 23 cases in 2008 | - | 2+6  +88.89% |
| Navoiy | Unspecified | Yes | - | 10 to 15 cases in 2008 | - | 2+6  +88.89% |
| Kashkadarya | Unspecified | Yes | +5 [[250](#_ENREF_250)] | 10 to 15 cases in 2008 | - | 2+5+6  +86.67% |
| Bukhara | Unspecified | Yes | +4 [[250](#_ENREF_250)] | 67 cases in 2008 | - | 2+4+6  +80% |
| Surkhandarya | Unspecified | Yes | +4 [[4](#_ENREF_4)] | 38 cases in 2008 | - | 2+4+6  +80% |
| Andijan, Fergana, Jizzakh, Khorezm, Namangan, Samarkand, Sirdarya, 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 | Unspecified | No | - | HE High | - | -2-6  -88.89% |
| Venezuela |  |  |  |  |  |  |
| Lara | Yes | Yes | +6 [[256](#_ENREF_256)] | 157 to 543 cases in 2008 | - | 3+6+6  +100% |
| Miranda, Tachira | Yes | Yes | +4 [[257](#_ENREF_257)] | 157 to 543 cases in 2008 | - | 3+4+6  +86.67% |
| Cojedes, Merida, Monagas, Portuguesa, Sucre, Trujillo | Yes | Yes | +4 [[258](#_ENREF_258)] | 81 to 156 cases in 2008 | - | 3+4+6  +86.67% |
| Anzoategui, Bolivar, Carabobo, Yaracuy, Zulia | Yes | Yes | +4 [[258](#_ENREF_258)] | 15 to 80 cases in 2008 | - | 3+4+6  +86.67% |
| Aragua, Distrito Capital, Vargas | Yes | Yes | +4 [[257](#_ENREF_257)] | 15 to 80 cases in 2008 | - | 3+4+6  +86.67% |
| Amazonas, Apure, Barinas, Delta Amacuro, Falcon | Yes | Yes | +4 [[258](#_ENREF_258)] | 1 to 14 cases | - | 3+4+0  +46.67% |
| Guarico | Yes | Yes | [[259](#_ENREF_259)] | 1 to 14 cases | - | 3+4+0  +46.67% |
| Nueva Esparta | Yes | Yes | +4 [[258](#_ENREF_258)] | HE High | - | 3+4-6  +6.67% |
| Vietnam |  |  |  |  |  |  |
| All provinces | 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 | - | No HE Data Available | - | -3-2  -55.56% |
| Yemen |  |  |  |  |  |  |
| Sana’a | Yes | Yes | +6 [[260](#_ENREF_260)] | 399 cases in 2008 | - | 3+6+6  +100% |
| Taizz | Yes | Yes | +6 [[260](#_ENREF_260)] | 85 to 139 cases in 2008 | - | 3+6+6  +100% |
| Dhamar | Yes | Yes | - | 25 to 40 cases in 2008 | - | 3+6  +100% |
| Al Mahwit | Unspecified | Yes | +6 [[260](#_ENREF_260)] | 85 to 139 cases in 2008 | - | 2+6+6  +93.33% |
| Al Jawf, Amran | Unspecified | Yes | +6 [[260](#_ENREF_260)] | 25 to 40 cases in 2008 | - | 2+6+6  +93.33% |
| Hadramaut, Lahj, Marib | Unspecified | Yes | - | 85 to 139 cases in 2008 | - | 2+6  +88.89% |
| Ad Dali | Unspecified | Yes | - | 25 to 40 cases in 2008 | - | 2+6  +88.89% |
| Ibb | Yes | Yes | +6 [[260](#_ENREF_260)] | 2 to 9 cases in 2008 | - | 3+6+4  +86.67% |
| Hajjah, Sadah | Unspecified | Yes | +6 [[260](#_ENREF_260)] | 2 to 9 cases in 2008 | - | 2+6+4  +80% |
| Al Hudaydah | Yes | Yes | +6 [[260](#_ENREF_260)] | HE Low | - | 3+6+2  +73.33% |
| Aden, Al Bayda | Unspecified | Yes | - | 2 to 9 cases in 2008 | - | 2+4  +66.67% |
| Shabwah | Unspecified | Yes | +3 [[261](#_ENREF_261)] | HE Low | - | 2+3+2  +46.67% |
| Abyan | Unspecified | Yes | - | HE Low | - | 2+2  +44.44% |
| Al Maharah | Unspecified | No | - | 2 to 9 cases in 2008 | - | -2+4  +22.22% |
| Zambia |  |  |  |  |  |  |
| All provinces | No | No |  | HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| Zimbabwe |  |  |  |  |  |  |
| All provinces | No | No |  | Assumed HE Low | No evidence of infection in reservoir or vector species  -25% | (-3+2)-25%  -36.11% |
| Other territories |  |  |  |  |  |  |
| Arunachal Pradesh | Unspecified | No | - | HE Low | - | -2+2  0% |
| Kashmir and Azad Jammu | Yes | Yes | - | HE Low | - | 3+2  +55.56% |
| Gaza Strip | Unspecified | Yes | - | No HE Data Available | - | 2-2  0% |
| West Bank |  |  |  |  |  |  |
| Jenin | Unspecified | Yes | +6 {Azmi, 2012 #817} | 62 to 68 cases in 2009 | - | 2+6+6  +93.33% |
| Salfit | Unspecified | Yes | +6 {Solomon, 2011 #821} | 12 to 15 cases in 2009 | - | 2+6+6  +93.33% |
| Bethlehem, Nablus | Unspecified | Yes | - | 36 to 49 cases in 2009 | - | 2+6  +88.89% |
| Al Khalil, Ramallah | Unspecified | Yes | - | 12 to 15 cases in 2009 | - | 2+6  +88.89% |
| Ariha | Unspecified | Yes | +5 {Al-Jawabreh, 2006 #819} | 62 to 68 cases in 2009 | - | 2+5+6  +86.67% |
| Tubas | Unspecified | Yes | +5 {Azmi, 2012 #822} | 36 to 49 cases in 2009 | - | 2+5+6  +86.67% |
| Al Quds | Unspecified | Yes | +6 {Talmi-Frank, 2010 #820} | 2 to 6 cases in 2009 | - | 2+6+2  +66.67% |
| Qalqiliya, Tulkarm | Unspecified | Yes | - | 2 to 6 cases in 2009 | - | 2+2  +44.44% |

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