

| Information topic | Details |
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| Indicator name | Human-disease competent vectors/ pests introduced to New Zealand |
| Domain and topic | Border Health |
| Indicator definition and units | Annual number of exotic mosquito species established in New Zealand |
| Data source | New Zealand BioSecure Entomology Laboratory (NZ BioSecure) online reporting of endemic New Zealand mosquitoes (NZ BioSecure 2019) |
| Methodology | Data were extracted from the online resource to summarise the types of exotic mosquito species established and introduced in New Zealand over a base-line 10 year period (2009-2018) and any reported endemic distribution. |
| Time period and time scale | <ul style="list-style-type: none"> - Annual; from 2009 onwards - A 10 year baseline period was examined to complement the Border Health indicator investigating 'High-risk human-disease competent vectors/pests present at the New Zealand border'. Shorter time trends (e.g. 3-5 years) are recommended hereafter. |
| Spatial coverage | National |
| Measures of frequency | <ul style="list-style-type: none"> - Number of exotic mosquito species established in New Zealand - Regional distribution of exotic mosquito species (if available/known) |
| Limitations of indicator | Annual numbers are anticipated to be low which makes statistical trend analysis difficult. However, the introduction of an exotic mosquito species to New Zealand is an important public health event and informs New Zealand border health risk. |
| Limitations of data source | Records are limited by the scope of New Zealand's mosquito surveillance programmes. It is possible that other exotic mosquito introductions have occurred which have not been detected. |
| Created by | New Zealand BioSecure Entomology Laboratory |
| Related indicators | <ul style="list-style-type: none"> - Exotic notifiable infectious diseases in New Zealand of priority border health concern - Overseas infectious diseases of priority concern to New Zealand - High-risk human-disease competent vectors/pests present at the New Zealand border |

References

New Zealand BioSecure Entomology Laboratory (NZ BioSecure).2019. *New Zealand Mosquitoes*. Southern Monitoring Services Limited. URL: www.smsl.co.nz (accessed January 2019).