

Information topic	Details
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 2017)
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 12 year period (2006-2017) and any reported endemic distribution.
Time period and time scale	<ul style="list-style-type: none"> - Annual; from 2006 onwards - A 12 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). (2017). *New Zealand Mosquitoes*. Southern Monitoring Services Limited. URL: www.smsl.co.nz (accessed January 2018).