

Japanese Encephalitis Vaccination

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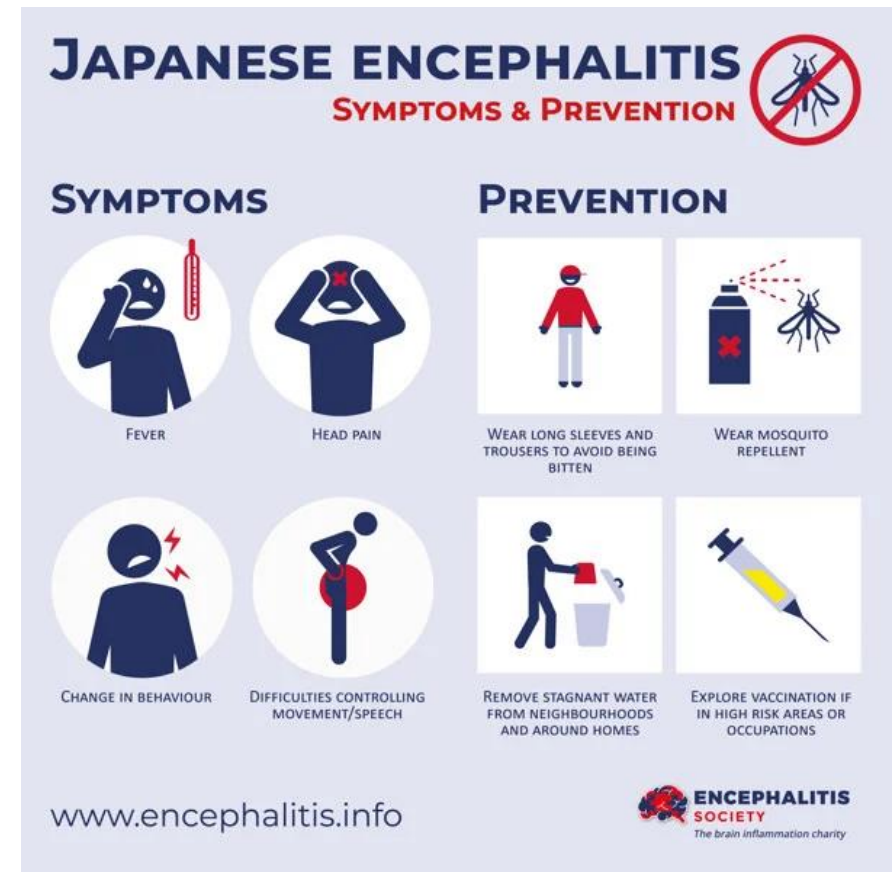
9 November 2022

Japanese encephalitis in Victoria

26 Feb – piggeries infected, human cases identified (for the first time) in VIC, SA, NSW

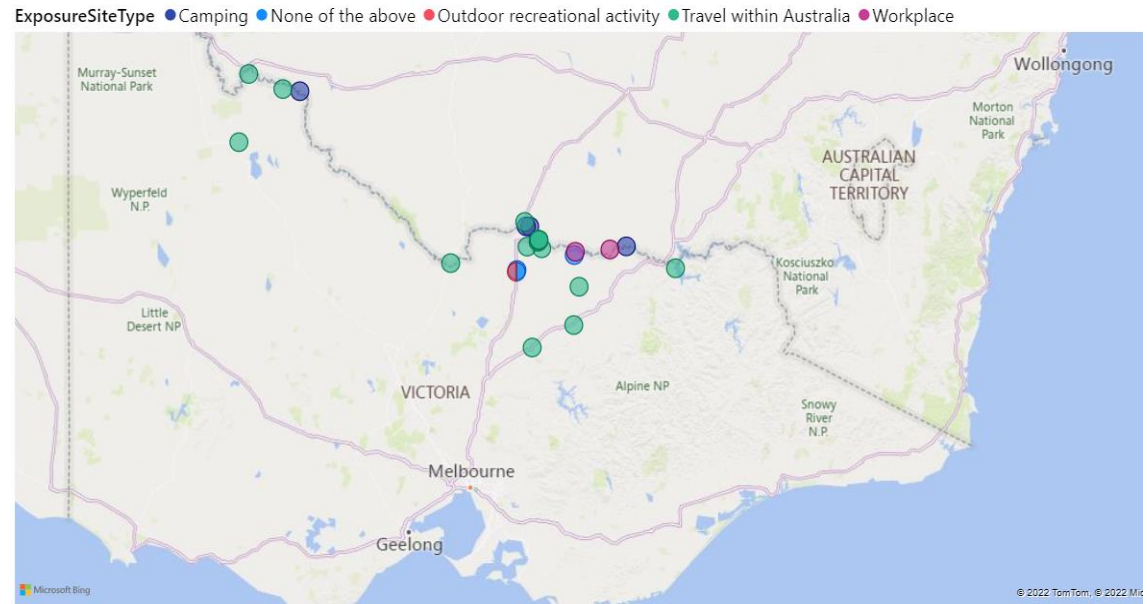
4 Mar – JE virus in Australia declared a *Communicable Disease Incident of National Significance*

12 Apr – 13 human cases and 21 piggeries infected



Japanese encephalitis – risk factors

Exposure	Confirmed	Probable	Total
Camping	5	1	6
Farming	2		2
Lives on or visited rural property	1	1	2
Gardening	2		2
Water sports	1		1
Pig farmer		1	1
Animal exposures	Confirmed	Probable	Total
Mosquitoes	5	1	6
Pigs, domestic		1	1
Pigs, feral	1		1



High-risk locations



Detection of JE virus in animals



**Locations where people
acquired JE**



**Detections of JE virus in
mosquitoes**


Japanese encephalitis – prevention

- Mozzie proof homes/accommodation and businesses
- Encourage mosquito repellent use
- Beat the bite messages

Protect yourself and your family from JE virus by avoiding mosquito bites.

- Wear long, loose-fitting clothing outdoors.
- Use mosquito repellent that contains picaridin or DEET on all exposed skin.
- Make sure your accommodation is mosquito-proof.
- Limit outdoor activity if lots of mosquitoes are about.
- Make sure there is no stagnant water around your home.

For more information visit
www.betterhealth.vic.gov.au/beat-the-bite

A large, stylized illustration of a mosquito with a long proboscis and wings, positioned over a red circular background with a white 'X' through it. The mosquito has a grey body and black and white striped legs. In the top right corner of the graphic, there are two smaller, simpler mosquito icons.

Japanese encephalitis – available vaccines

Imojev (Sanofi)

- 1 dose
- Minimum age 9 months
- Not for immunocompromised, pregnant
- Booster – only if primary dose given as child <18 years (1-2 years)

JEspect (Seqirus)

- 2 doses (0, 28 or 0, 7)
- Minimum age 2 months
- Preferred in immunocompromised, pregnancy, 2-9 mths
- Booster recommended if ongoing risk at 1-2 years

JE virus vaccination – Tranche 3

High risk local government areas

People aged 2 months or older who live or routinely work in any of the high-risk LGAs **Campaspe, Gannawarra, Greater Shepparton, Indigo, Loddon, Mildura, Moira, Swan Hill, Wodonga, Towong, Benalla, Wangaratta and Strathbogie** AND:

- *Spend significant time outdoors (four hours per day), for unavoidable work, recreational, educational or other essential activities; **OR**
- Living in temporary or flood damaged accommodation that places them at increased risk of exposure to mosquitoes; **OR**
- Are engaged in the prolonged outdoor recovery efforts (clean up) of stagnant waters following floods.

*Pertains to those below 500m elevation

Links to resources

<https://www.betterhealth.vic.gov.au/protect-yourself-mosquito-borne-disease>

<https://www.health.vic.gov.au/infectious-diseases/japanese-encephalitis-virus#vaccination>