

Mosquito awareness



Did you know... there are **3500 species** of mosquitoes in the world?



300 SPECIES IN AUSTRALIA
40 SPECIES IN TOWNSVILLE

Mosquito species vary in their **biting behaviour**

- DENGUE MOSQUITOES** ARE MOST ACTIVE DURING THE DAY AROUND YOUR YARD
- SALTMARSH MOSQUITOES** ARE MOST ACTIVE AT DUSK AND DAWN

Council conducts **mosquito control**



COUNCIL CONDUCTS MOSQUITO CONTROL ON PUBLIC LAND, USING **BOTH GROUND AND AERIAL TREATMENTS** TO TARGET MOSQUITO LARVAE.

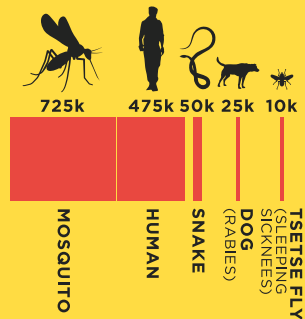
Mosquitoes wings beat **300-600 times** per second

Mosquitoes are attracted to humans FROM **THE ODOURS AND CARBON DIOXIDE** WE EXPIRE FROM BREATHING OR SWEATING

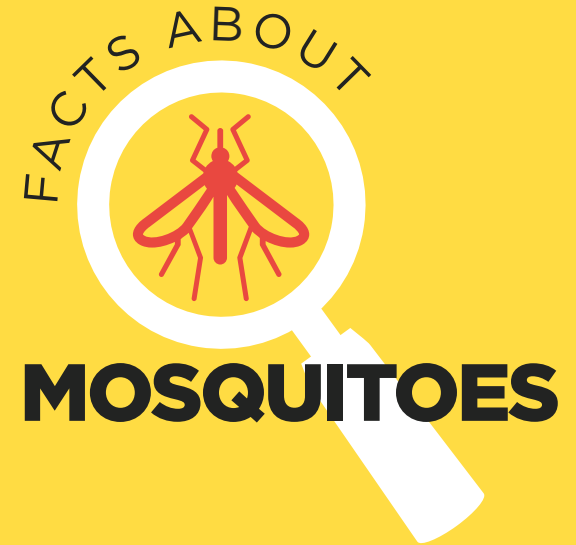


World's **deadliest** animals

NUMBER OF PEOPLE **KILLED BY ANIMALS** PER YEAR



Mosquitoes **distance of travel** from breeding point



Mosquitoes can carry many diseases.

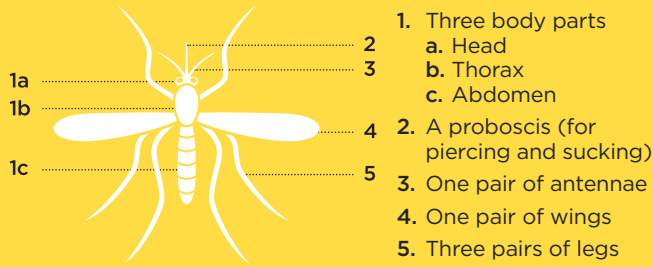
Protect yourself and your family from mosquito bites by using personal protection.



townsville.qld.gov.au
13 48 10

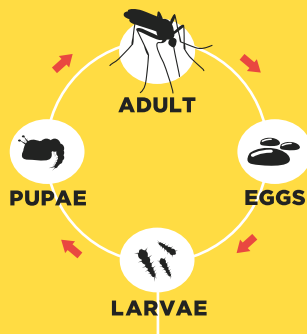
Mosquito life cycle

A mosquito is an insect **characterised by**



Mosquitoes have 4 life stages: **egg, larvae, pupa and adult**

THE ENTIRE LIFE CYCLE, FROM AN EGG TO AN ADULT, TAKES APPROXIMATELY **6-9 DAYS**.
THE ADULT MOSQUITO CAN LIVE FOR AROUND 2-4 WEEKS AND PRODUCE **MANY HUNDREDS OF EGGS**.



THE COUNCIL ONLY TARGETS THE LARVAL STAGE OF THE MOSQUITO.
THIS LARVAL STAGE IS EASIER TO CONTROL AS THEY ARE CONFINED TO KNOWN MOSQUITO BREEDING SITES.

Did you know... only the **female mosquito bites!**

THE FEMALE MOSQUITO REQUIRES A BLOOD MEAL FOR EGG PRODUCTION.

FEMALE MOSQUITOES LAY THEIR EGGS IN VARIOUS ENVIRONMENTS, INCLUDING:

- CONTAINED WATER** (DENGUE MOSQUITO)
- WETLANDS AND SWAMPS**
- SALT MARSHES AND TIDAL WETLANDS**

Did you know... some mosquitoes don't need water to lay their eggs.

SOME LAY THEIR EGGS IN **MOIST SOIL OR IN WATER HOLDING CONTAINERS**. IT'S NOT UNTIL IT RAINS OR FLOODS THAT THEY HATCH.

Mosquito disease



Protect yourself against disease-carrying mosquitoes

Mosquito borne diseases found in Townsville include **Ross River virus** and **Barmah Forest virus**.

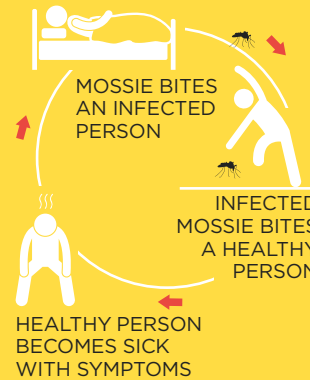
DENGUE AND ZIKA VIRUS ARE BROUGHT INTO TOWNSVILLE EITHER BY **INFECTED TRAVELLERS** OR **INFECTED MOSQUITOES**.



Did you know... mosquito-borne diseases are passed to humans by the bite of an infected mosquito

IT CANNOT BE PASSED DIRECTLY BETWEEN HUMANS. IT ONLY TAKES A BITE FROM **ONE INFECTED MOSQUITO**

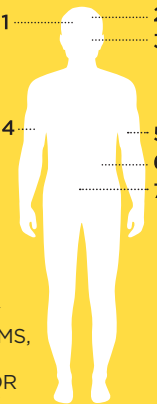
How do mosquitoes **transmit** diseases?



Symptoms of mosquito-borne diseases

1. Fever
2. Headache
3. Eye pain
4. Muscles aches
5. Back pain

IF YOU OR ANYONE IN YOUR FAMILY HAS SYMPTOMS, PLEASE SEE YOUR DOCTOR IMMEDIATELY. **YOU COULD INFECT SOMEONE ELSE.**



Mosquito prevention

Did you know... Townsville City Council undertakes **reactive inspection** of properties within the Townsville local government area based on customer requests.

THIS PROGRAM IS VITAL IN **PROTECTING THE COMMUNITY** AGAINST MOSQUITO BORNE DISEASE.

If you are being annoyed by mosquitoes you need to **apply self-protection measures**.

APPLY REPELLENT REGULARLY

SCREEN DOORS AND WINDOWS

USE MOSQUITO COILS AND LANTERNS

COVER UP WITH LOOSE FITTING, LIGHT COLOURED CLOTHING

LIMIT YOUR EXPOSURE DURING PEAK MOSQUITO ACTIVITY TIMES

Control the mosquito and you will control the disease.

It's your responsibility.

Dengue. Do your weekly yard check.

ARE YOU MAKING DENGUE MOSSIES WELCOME AROUND YOUR HOME?

TAKE RESPONSIBILITY TO PROTECT YOURSELF AND YOUR FAMILY BY CHECKING YOUR YARD FOR ANYTHING THAT CAN HOLD WATER.

Where do mosquitoes breed?

CHECK POTENTIAL BREEDING SITES WEEKLY, INCLUDING:

1. Bird bath
2. Palm frond
3. Sump pit
4. Bucket
5. Boat
6. Bromeliad
7. Tyre
8. Toys
9. Pot plants
10. Roof gutter
11. Water tank

